土木工程署
Civil Engineering Department

Agreement No CE 60/96

Northshore Lantau Development Feasibility Study

Environmental Impact Assessment

Final Report

- Volume 5 -

February 2000

Scott Wilson (Hong Kong) Ltd in association with **ERM Hong Kong Ltd**
Brooke International • City Planning Consultants • Shankland Cox • Wilbur Smith Associates

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Executive Summary

Volume 1	Chapter 1	Introduction
	Chapter 2	Project Description
	Chapter 3	Air Quality
	Chapter 4	Noise
	Chapter 5	Water Quality
Volume 2	Chapter 6	Solid Waste Management
	Chapter 7	Terrestrial Ecology
	Chapter 8	Marine Ecology
	Chapter 9	Fisheries Impact Assessment
	Chapter 10	Hazard to Life Assessment for Dangerous Goods
	Chapter 11	Historical, Archaeological and Cultural Heritage Assessment
	Chapter 12	Land Contamination
	Chapter 13	Landscape and Visual Impact Assessment
	Chapter 14	Environmental Monitoring & Audit
	Chapter 15	Implementation Schedules
	Chapter 16	Conclusions and Summary of EIA Findings
Volume 3	Annex A	Construction Programme and Phasing of the Reclamations
	Annex B	Air Quality Impact Assessment
	Annex C	Noise Impact Assessment (excluding Annex C3)
	Annex D	Water Quality Impact Assessment
	Annex E	Terrestrial Ecology Impact Assessment
Volume 4	Annex F	Supporting Information for the Marine Ecology Impact Assessment
	Annex G	Supporting Information for the Fisheries Impact Assessment
	Annex H	Cultural Heritage Impact Assessment
	Annex I	Land Contamination Assessment
	Annex J	Landscape and Visual Impact Assessment for NLDFS and CKWLR
	Annex K	EIA Study Brief (SB-044/BC)
Volume 5	**Annex C3 (only)**	**Construction Noise Impact Assessment – Predicted Noise Levels**

Environmental Monitoring & Audit Manual (Annex L)

Annex C3

Construction Noise Impact Assessment - Predicted Noise Levels

Annex C3a:	Unmitigated Noise Levels
Annex C3b:	Predicted Noise Levels with Quiet Plant
Annex C3c:	Predicted Noise Levels at Luk Keng Tsuen with Quiet Plant & Barriers

Table C3a.1 - Unmitigated Noise Levels

NSR: Peng Chau

Evening Time Criterion = 60dB(A) during 1900-2300

Distance (m); Atmospheric Absorption, dB(A)

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/
		Phase 1																														
A	A	**Reclamation & Excavation**																														
A1	A1	Slope protection in Penny's Bay West	2330	6.5	0	0	0	0	0	0	0	0	0	0	47	47	47	47	47	47	47	47	47	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Penny's Bay Stage 1	1990	5.6	0	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Penny's Bay Stage 1	1940	5.4	0	0	46	46	46	46	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Penny's Bay Stage 1	1990	5.6	0	0	0	56	56	56	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Penny's Bay Stage 1	1990	5.6	0	0	0	0	52	52	52	52	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition. part of Cheoy Lee	4110	11.5	0	0	0	0	0	0	0	0	0	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	4110	11.5	0	0	0	0	0	0	0	0	0	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	4110	11.5	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	**Transport Infrastructure**																														
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	3870	10.8	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	36	36	36	36	36	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	3870	10.8	0	0	0	0	0	0	0	0	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	3870	10.8	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	36	36	36	36	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	3410	9.5	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	3410	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	41	41	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	3410	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	0	0	0	0	0	0	0
C	C	**Services Infrastructure**																														
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2250	6.3	0	0	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	0	0	0	0	0	0	0
C27	C32	Excavation of lake	4020	11.3	0	0	0	0	0	39	39	39	39	39	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	4020	11.3	0	0	0	0	0	0	0	0	33	33	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	4020	11.3	0	0	0	0	0	0	0	0	0	0	33	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	2240	6.3	0	0	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2240	6.3	0	0	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	2240	6.3	0	0	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	0	0	0	0	0	0	0
D	D	**GIC Sites**																														
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	**Theme Park Development**																														
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	2280	6.4	0	0	0	0	0	0	0	0	0	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	2280	6.4	0	0	0	0	0	0	0	0	0	0	56	56	56	56	56	56	56	56	56	56	56	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	2280	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and Insitu infill in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	47	47	47	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	47	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	46	46	46	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	0	56	56	56	56	56	56	56	56	56	56	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	3450	9.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	3450	9.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	39	39	0	0	0	0	0	0	0	0
		Phase 2																														
F	F	**Reclamation & Excavation**																														
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	4400	12.3	0	0	0	0	0	0	0	0	27	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	4350	12.2	0	0	0	0	0	0	0	0	0	19	19	19	19	19	19	19	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	4400	12.3	0	0	0	0	0	0	0	0	0	36	36	36	36	36	36	36	36	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	4400	12.3	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	3450	9.7	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	0
F62	F65	Dredging for Penny's Bay Stage 2	2450	6.9	0	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Penny's Bay Stage 2	2400	6.7	0	0	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Penny's Bay Stage 2	2450	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	47	47	47	47	47	47	47	47	0	0	0	0
F65	F68	Surcharge placement for Penny's Bay Stage 2	2450	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	47	47	47	47	47	47	47	47	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	4570	12.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	4650	13.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	4570	12.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	4570	12.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	SWHK Item No.	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/
A	A																								
A1	A1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B																								
B16	B20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C																								
C26	C31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D																								
D36	D41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E																								
E43	E48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F	F																								
F54	F57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	SWHK Item No.	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/
A	A																									
A1	A1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B																									
B16	B20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C																									
C26	C31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D																									
D36	D41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E																									
E43	E48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F	F																									
F54	F57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.1 - Unmitigated Noise Levels

Northshore Lantau Development - Construction Programme

ERM No.	SWHK Item No.	Activity	NSR: Peng Chau Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																																													
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	**Transport Infrastructure**																																																																													
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure) Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate). for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	3320	9.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	3810	10.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	4545	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	4545	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	4545	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	**Services Infrastructure**																																																																														
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	**GIC Sites**																																																																													
I109	I116	P.T.I in Penny's Bay Station- Phase 2	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	**Theme Park Development**																																																																														
J117	J124	Theme Park building / attraction foundations	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	63	53	63	53	53	53	53	53	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	47	47	47	47	47	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	**Siu Ho Wan Development**																																																																														
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	**Northshore Development**																																																																														
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		**Eastern Development**																																																																														
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		**Theme Park Development - Theme Park Extension (WDI's Option)**																																																																														
N137		Theme Park Extension - foundations	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	51	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																																															
O	N	**Reclamation & Excavation**																																																																															
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	4300	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		**Transport Infrastructure**																																																																														

Table C3a.1 - Unmitigated Noise Levels

NSR: Peng Chau

Northshore Lantau Development - Construction Programme

Evening Time Criterion = 60dB(A) during 1900-2300

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	4235	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	4235	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	4235	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**																																										
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																										
R156	R175	Theme Park Extension - foundations	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																										
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																										
		Yam O Station & Adjacent Section																																										
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																										
T169	T188	Excavation	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	32	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	28	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	26	26	26	26	26	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																										
T174	T193	Works at tunnel portal	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	29	29	29	29	29	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	28	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	4290	12.0	0	0	0	0	0	0	0	0	0	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																										
T177	T195	Surface drainage construction including pumps to control water	3070	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	41	41	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	3070	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																										
T179	T197	Excavation	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	39	39	39	39	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	33	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																										
T183	B17	Ventilation building foundations	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			CKWLR Level		0	0	0	0	0	0	0	0	27	38	40	42	42	42	42	42	42	39	39	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	38	53	58	59	59	59	59	55	57	60	61	62	63	61	62	62	62	62	62	62	60	53	53	52	50	50	50	53	53	53	52	51	44	51	55	57	57	57	54

ERM No.	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CKWLR Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall Level	54	54	55	55	55	55	51	0	0	0	0	0	0	0	0	49	50	50	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0

NB. "N/A" represents the sight line is screened by terrain

NSLD Completion

Table C3a.1 - Unmitigated Noise Levels

ERM No.	SWHK Item No.	Activity	NSR: Peng Chau Distance	Atmospheric				20				21				22				23				24				25				26				27				28				29				30				31	
			(m)	Absorption, dB(A)	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																		
		Phase 1																																																		
A	A	Reclamation & Excavation																																																		
A1	A1	Slope protection in Penny's Bay West	2330	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Penny's Bay Stage 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Penny's Bay Stage 1	1940	5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Penny's Bay Stage 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Penny's Bay Stage 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition. part of Cheoy Lee	4110	11.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	4110	11.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	4110	11.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																		
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	3870	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	3870	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	3870	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	3410	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	3410	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	3410	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																		
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	4020	11.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	4020	11.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	4020	11.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	2240	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2240	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	2240	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																		
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	3200	8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																		
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	2280	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	2280	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	2280	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure; piling / foundations in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	3450	9.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	3450	9.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																		
F	F	Reclamation & Excavation																																																		
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	4400	12.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	4400	12.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	4400	12.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	3450	9.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Penny's Bay Stage 2	2450	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Penny's Bay Stage 2	2400	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Penny's Bay Stage 2	2450	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Penny's Bay Stage 2	2450	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	4570	12.8	0	0	0	0	0	0	0	0	0	0	0	0	27	27	27	27	27	27	27	27	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	4650	13.0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	24	24	24	24	24	24	24	24	24	24	24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	4570	12.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	39	39	39	39	39	39	39	39	39	39	39	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	4570	12.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	37	37	37	37	37	37	37	37	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.1 - Unmitigated Noise Levels

ERM No.	SWHK Item No.	Activity	NSR: Peng Chau Distance (m)	Almospheric Absorption, dB(A)	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
					20				21				22				23				24				25				26				27				28				29				30				31	
		Evening Time Criterion = 60dB(A) during 1900-2300																																											
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	**Transport Infrastructure**																																											
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	3320	9.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	3810	10.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	37	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	4545	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	33	33	33	33	33	33	33	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	4545	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	4545	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	31	31	31	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	**Services Infrastructure**																																											
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	**GIC Sites**																																											
I109	I116	P.T.I in Penny's Bay Station- Phase 2	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	**Theme Park Development**																																											
J117	J124	Theme Park building / attraction foundations	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	**Siu Ho Wan Development**																																											
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	**Northshore Development**																																											
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		**Eastern Development**																																											
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		**Theme Park Development - Theme Park Extension (WDI's Option)**																																											
N137		Theme Park Extension - foundations	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																											
O	N	**Reclamation & Excavation**																																											
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	25	25	25	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	4300	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	25	29	29	26	29	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	34	34	34	34	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	33	33	33	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	34	34	34	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	34	34	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	43	43	43	43	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	43	43	43	43	0	0	0	0	0	0
P		**Transport Infrastructure**																																											

Table C3a.1 - Unmitigated Noise Levels

ERM No.	SWHK Item No.	Activity	NSR: Peng Chau Distance	Atmospheric				20				21				22				23				24				25				26				27				28				29				30				31	
			(m)	Absorption, dB(A)	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																			
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	4235	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	36	35	35	35	35	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	4235	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	34	34	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	4235	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	34	34	34	34	34	0	0	0
Q	P	Services Infrastructure																																																			
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																																																			
R156	R175	Theme Park Extension - foundations	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	43	43	43	43	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	38	38	38	38	38	38
R158	R177	Technodrome - foundations	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	43	43	43	43	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	38	38	38	38	38	38
S	S	Northshore Development																																																			
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																																																			
		Yam O Station & Adjacent Section																																																			
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																			
T169	T188	Excavation	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																			
T174	T193	Works at tunnel portal	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																			
T177	T195	Surface drainage construction including pumps to control water	3070	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	3070	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																			
T179	T197	Excavation	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																			
T183	B17	Ventilation building foundations	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			CKWLR Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	28	35	37	37	37	37	37	39	37	39	39	39	37	37	37	37	37	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	27	29	39	42	42	42	42	42	42	42	42	42	42	42	41	41	41	40	45	47	47	47	47	47	49	47	47	48	48	47	43	43	43	43	41	41	41
		NSLD Completion																																																			

Table C3a.2 - Unmitigated Noise Levels

NSR: Discovery Bay

Northshore Lantau Development - Construction Programme

Evening Time Criterion = 60dB(A) during 1900-2300

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/
		Phase 1
A	A	Reclamation & Excavation
A1	A1	Slope protection in Penny's Bay West	1720	4.8	0	0	0	0	0	0	0	0	0	0	51	51	51	51	51	51	51	51	51	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	1680	4.7	0	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	1630	4.6	0	0	49	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	1680	4.7	0	0	0	59	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	1680	4.7	0	0	0	0	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	2045	5.7	0	0	0	0	0	0	0	0	0	0	0	0	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	2561	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	43	43	0	0	0	0	0	0	0
C	C	Services Infrastructure
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2035	5.7	0	0	46	46	46	46	45	45	45	46	45	46	46	46	46	46	46	46	46	46	46	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	2045	5.7	0	0	45	45	45	45	45	49	49	49	45	45	45	48	48	42	42	42	42	42	42	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2045	5.7	0	0	46	45	46	46	46	46	46	46	46	46	46	46	46	45	45	43	45	45	46	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	2045	5.7	0	0	49	49	49	49	49	45	45	43	43	49	49	49	49	49	49	49	49	49	49	0	0	0	0	0	0	0
D	D	GIC Sites
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	42	42	42	42	42	42	42	42	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	2780	7.8	0	0	0	0	0	0	0	0	41	41	41	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	2780	7.8	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	2100	5.9	0	0	0	0	0	0	0	0	0	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	2100	5.9	0	0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	2100	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	2415	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49	49	49	49	49	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	2415	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	46	46	46	46	46	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	2415	6.8	0	0	0	0	0	0	0	0	0	48	43	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	2415	6.8	0	0	0	0	0	0	0	0	0	0	43	43	43	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	1820	5.1	0	0	0	0	0	0	0	0	0	0	0	55	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	1820	5.1	0	0	0	0	0	0	0	0	0	0	0	0	58	56	58	58	58	53	53	53	58	58	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2
F	F	Reclamation & Excavation
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	3280	9.2	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	0
F62	F65	Dredging for Theme Park Phase 2	2700	7.6	0	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	2500	7.0	0	0	33	33	33	33	33	33	38	38	38	38	38	38	33	38	38	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	2700	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45	45	45	46	43	45	45	45	45	45	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	2700	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	46	46	46	46	45	46	48	46	46	46	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/
A1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.2 - Unmitigated Noise Levels

NSR: Discovery Bay

Northshore Lantau Development - Construction Programme

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																																														
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																																														
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	3101	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	4015	11.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																																														
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																																														
I109	I116	P.T.I in Penny's Bay Station- Phase 2	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	39	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																																														
J117	J124	Theme Park building / attraction foundations	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	50	50	60	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	2600	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	2600	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																																														
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																																														
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																																														
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																																															
N137		Theme Park Extension - foundations	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	43	43	43	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	43	43	43	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	2561	7.2	0	0	0	0	0	0	0	0	0	0	0	0	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	2561	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																																														
O	N	Reclamation & Excavation																																																																														
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	4910	13.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	3690	10.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																																														

Table C3a.2 - Unmitigated Noise Levels

NSR: Discovery Bay

Northshore Lantau Development - Construction Programme

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/
		Evening Time Criterion = 60dB(A) during 1900-2300		
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**		
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**		
R156	R175	Theme Park Extension - foundations	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**		
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**		
		Yam O Station & Adjacent Section		
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)		
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works		
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip		
T177	T195	Surface drainage construction including pumps to control water	2742	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	43	43	43	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	2742	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section		
T179	T197	Excavation	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	39	39	39	39	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building		
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			CKWLR Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	40	55	60	61	61	61	61	57	57	61	62	63	64	62	63	63	63	63	63	63	60	51	51	51	50	50	49	53	53	53	51	50	43	51	55	56	56	56	53	53	53	55	55	55	55	51	0	0	0	0	0	0	0	0	48	50	50	43	43	43	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0
		NSLD Completion		

NB. "N/A" represents the sight line is screened by terrain

Table C3a.2 - Unmitigated Noise Levels

ERM No.	SWHK Item No.	Activity	NSR: Discovery Bay Distance (m)	Atmospheric Absorption, dB(A)				20				21				22				23				24				25				26				27				28				29				30				31	
					04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																			
		Phase 1																																																			
A	A	Reclamation & Excavation																																																			
A1	A1	Slope protection in Penny's Bay West	1720	4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	1680	4.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	1630	4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	1680	4.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	1680	4.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																			
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	2045	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	2561	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																		
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2035	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	2045	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2045	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	2045	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																		
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																			
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	2100	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	2100	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	2100	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	2415	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	2415	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	2415	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	2415	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	1820	5.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	1820	5.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																			
F	F	Reclamation & Excavation																																																			
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	3280	9.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	2700	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	2500	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	2700	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	2700	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.2 - Unmitigated Noise Levels

ERM No.	SWHK Item No.	Activity	NSR: Discovery Bay Distance (m)	Atmospheric Absorption, dB(A)				20				21				22				23				24				25				26				27				28				29				30				31	
					04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																			
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	**Transport Infrastructure**																																																			
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	3101	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	4015	11.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	**Services Infrastructure**																																																			
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	**GIC Sites**																																																			
I109	I116	P.T.I in Penny's Bay Station- Phase 2	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	**Theme Park Development**																																																			
J117	J124	Theme Park building / attraction foundations	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	2600	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	2600	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	**Siu Ho Wan Development**																																																			
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	**Northshore Development**																																																			
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		**Eastern Development**																																																			
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		**Theme Park Development - Theme Park Extension (WDI's Option)**																																																			
N137		Theme Park Extension - foundations	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	2561	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	2561	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																			
O	N	**Reclamation & Excavation**																																																			
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	22	22	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	4910	13.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	23	23	23	23	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	32	32	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	3690	10.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	41	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0
P		**Transport Infrastructure**																																																			

Table C3a.2 - Unmitigated Noise Levels

NSR: Discovery Bay

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
					20						21						22						23						24						25						26						27						28					
		Evening Time Criterion = 60dB(A) during 1900-2300																																																					
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**																																																				
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																																			
R156	R175	Theme Park Extension - foundations	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																																			
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																																			
		Yam O Station & Adjacent Section																																																			
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																			
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																			
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																			
T177	T195	Surface drainage construction including pumps to control water	2742	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	2742	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																		
T179	T197	Excavation	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																		
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			CKWLR Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NSLD Completion																																																		

Table C3a.3 - Unmitigated Noise Levels

NSR: Tso Wan

Northshore Lantau Development - Construction Programme

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/	19 04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																																																
		Phase 1																																																																																
A	A	**Reclamation & Excavation**																																																																																
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition. part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	**Transport Infrastructure**																																																																																	
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade Incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	**Services Infrastructure**																																																																																
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	**GIC Sites**																																																																																
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	**Theme Park Development**																																																																																
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																																																
F	F	**Reclamation & Excavation**																																																																																
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	58	58	58	63	58	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	48	48	48	46	48	48	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	65	65	65	66	65	66	66	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	64	64	64	64	64	64	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	630	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	300	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.3 - Unmitigated Noise Levels

NSR: Tso Wan

Northshore Lantau Development - Construction Programme

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19	
			(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300		
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure) Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking):for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	227	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	455	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	455	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development		
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development		
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development		
M135		Recreational Tourism development - Foundations	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)		
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3		
O	N	Reclamation & Excavation		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	1260	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure		

Table C3a.3 - Unmitigated Noise Levels

NSR: Tso Wan

Northshore Lantau Development - Construction Programme

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19	
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																																																	
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**																																																																																						
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																																																																						
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																																																																					
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																																																																						
		Yam O Station & Adjacent Section																																																																																						
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																																																						
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																																																						
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																																																						
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																																																						
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																																																						
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			CKWLR Level		0	0	0	0	0	0	0	0	66	66	66	66	66	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	66	66	66	66	66	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NSLD Completion																																																																																						

Table C3a.3 - Unmitigated Noise Levels

NSR: Tso Wan

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric			20				21				22				23				24				25				26				27				28				29				30				31	
			(m)	Absorption, dB(A)	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																	
		Phase 1																																																	
A	A	**Reclamation & Excavation**																																																	
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	**Transport Infrastructure**																																																	
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	**Services Infrastructure**																																																	
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	**GIC Sites**																																																	
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	**Theme Park Development**																																																	
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																	
F	F	**Reclamation & Excavation**																																																	
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	630	1.8	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	58	58	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	300	0.8	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	60	60	60	60	60	60	60	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70	70	70	70	70	70	70	70	70	70	70	70	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	68	68	68	68	68	68	68	68	68	68	68	68	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.3 - Unmitigated Noise Levels

NSR: Tso Wan

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	07/	10/	20 01/	04/	07/	10/	21 01/	04/	07/	10/	22 01/	04/	07/	10/	23 01/	04/	07/	10/	24 01/	04/	07/	10/	25 01/	04/	07/	10/	26 01/	04/	07/	10/	27 01/	04/	07/	10/	28 01/	04/	07/	10/	29 01/	04/	07/	10/	30 01/	04/	07/	10/	31 01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																		
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	**Transport Infrastructure**																																																		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	74	74	74	74	74	74	74	74	74	74	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	74	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking):for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	72	72	72	72	72	72	72	72	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	227	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	0	0	0	0	0	0	0	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	**Services Infrastructure**																																																		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	455	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	71	71	71	71	71	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	455	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	65	65	65	65	65	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	**GIC Sites**																																																		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	**Theme Park Development**																																																		
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	**Siu Ho Wan Development**																																																		
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	**Northshore Development**																																																		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		**Eastern Development**																																																		
M135		Recreational Tourism development - Foundations	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	0	0	0	0	0	0	0	0	0
N		**Theme Park Development - Theme Park Extension (WDI's Option)**																																																		
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																		
O	N	**Reclamation & Excavation**																																																		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	1260	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45	45	45	45	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		**Transport Infrastructure**																																																		

Table C3a.3 - Unmitigated Noise Levels

NSR: Tso Wan

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	20 07/	20 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																													
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	63	63	63	63	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62	62	62	62	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62	62	62	62	62	62	62	62	0	0	0
Q	P	**Services Infrastructure**																																													
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61	61	61	61	61	61	61	61	61	61	61	61	0
Q153	P170	Installation of water mains Fresh and Salt	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61	61	61	61	61	61	61	61	61	61	61	61	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62	62	62	62	62	62	62	62	62	62	62	62	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	63	63	63	63	63	63	63	63	0
R	R	**Theme Park Development - Theme Park Extension**																																													
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																													
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																													
		Yam O Station & Adjacent Section																																													
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																													
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																													
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																													
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																													
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																													
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			CKWLR Level		0	0	0	0	0	0	0	0	63	63	63	63	63	63	63	63	0	0	0	0	0	0	0	0	44	47	54	56	56	56	56	56	65	65	67	67	67	66	66	66	66	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	63	64	66	71	73	73	73	73	73	73	74	74	74	74	75	76	76	79	76	76	76	76	77	77	76	76	77	71	71	70	70	70	70	68	66	0
		NSLD Completion																																													

Table C3a.4 - Unmitigated Noise Levels

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19
		Evening Time Criterion = 65dB(A) during 1900-2300	(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/
		Phase 1																																																																																
A	A	Reclamation & Excavation																																																																																
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	886	2.5	0	0	0	0	0	0	0	62	62	62	62	62	62	62	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	886	2.5	0	0	0	0	0	0	0	63	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	886	2.5	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	235	0.7	0	0	0	0	0	0	0	61	61	61	61	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	235	0.7	0	0	0	0	0	0	0	0	0	0	62	62	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	480	1.3	0	0	0	0	0	0	0	0	0	0	0	65	65	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	64	64	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																																																
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	986	2.8	0	0	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	65	65	65	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																																																
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	480	1.3	0	0	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	1265	3.5	0	0	0	0	0	0	61	61	61	61	61	61	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	1265	3.5	0	0	0	0	0	0	56	56	56	56	56	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	1265	3.5	0	0	0	0	0	0	0	0	0	0	0	46	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	480	1.3	0	0	56	56	56	56	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	480	1.3	0	0	53	53	53	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	480	1.3	0	0	56	56	56	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																																																
D36	D41	P.T.I in Yam O Station	750	2.1	0	0	0	0	0	0	0	0	59	59	59	59	59	59	59	59	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																																																
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																																																	
F	F	Reclamation & Excavation																																																																																
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along western boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	227	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.4 - Unmitigated Noise Levels

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)
		Evening Time Criterion = 65dB(A) during 1900-2300		
F80	F83	Dredging for Siu Ho Wan	N/A	0.0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0
G	G	Transport Infrastructure		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	311	0.9
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	311	0.9
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	311	0.9
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0
G99	G106	Road surfacing / construction (elevated section including decking):for Eastern Reclamation	N/A	0.0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0
H	H	Services Infrastructure		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	311	0.9
H103	H110	Installation of water mains Fresh and Salt including irrigation	311	0.9
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	311	0.9
H105	H112	Installation of Stormwater drainage, open channels plus culverts	311	0.8
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0
I	I	GIC Sites		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0
I113	I120	Schools at Siu Ho Wan	N/A	0.0
I114	I121	Police station in Northshore	1060	3.0
I115	I122	Fire station in Northshore	1060	3.0
I116	I123	LPG/Petrol station in Northshore	1060	3.0
J	J	Theme Park Development		
J117	J124	Theme Park building / attraction foundations	N/A	0.0
J118	J125	Theme Park building / attraction construction	N/A	0.0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0
J120	J131	Hotels foundations	N/A	0.0
J121	J132	Hotels superstructure	N/A	0.0
K	K	Siu Ho Wan Development		
K122	K133	Housing foundations	N/A	0.0
K123	K134	Housing superstructure	N/A	0.0
L	L	Northshore Development		
L124	L135	Theme Park Gateway - foundations	380	1.1
L125	L136	Theme Park Gateway - superstructure	380	1.1
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	230	0.6
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	870	2.4
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	870	2.4
L129	L140	Cross Boundary Ferry Pier 1 building foundations	870	2.4
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	870	2.4
L131	L142	Tourist & Convention Centre - foundations	1159	3.2
L132	L143	Tourist & Convention Centre - superstructure	1159	3.2
L133	L144	Technodrome - foundations	1765	4.9
L134	L145	Technodrome - superstructure	1765	4.9
M		Eastern Development		
M135		Recreational Tourism development - Foundations	N/A	0.0
M136		Recreational Tourism development - Superstructure	N/A	0.0
N		Theme Park Development - Theme Park Extension (WDI's Option)		
N137		Theme Park Extension - foundations	N/A	0.0
N138		Theme Park Extension - superstructure	N/A	0.0
N139		RD&E Foundations	N/A	0.0
N140		RD&E Superstructure	N/A	0.0
		Phase 3		
O	N	Reclamation & Excavation		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0
O145	N158	Dredging at Theme Park Extension	N/A	0.0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0
O147	N160	Filling at Theme Park Extension	N/A	0.0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0
P		Transport Infrastructure		

ERM No.	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/
F80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/
F80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	56	56	56	58	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	55	53	55	55	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	54	54	54	54	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/
F80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	69	69	69
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/
F80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	68	68	68	68	68	68	68	68	68	68	68	68	68
G92	0	0	0	0	69	69	69	69	69	69	69	69	69	69	69	69	69
G93	0	0	0	0	0	0	66	66	66	66	66	66	66	66	66	66	66
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H102	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66
H103	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66
H104	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67
H105	65	66	68	68	66	68	68	68	68	66	66	65	68	68	66	68	68
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L124	69	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	65	65	65	65	65	65	65	65	65	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	66	66	66	66	0	0	0
L127	0	0	0	0	0	0	0	0	57	57	57	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	55	55	55	55	55	55	0	0	0
L129	0	0	0	0	0	0	0	0	57	57	57	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	56	56	56	56	56	58	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.4 - Unmitigated Noise Levels

ERM No.	SWNK Item No.	Activity	NSR: Luk Keng Tsuen		00				01				02				03				04				05				06			
			Distance (m)	Atmospheric Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
		Evening Time Criterion = 65dB(A) during 1900-2300																														
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																														
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																														
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																														
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																														
		Yam O Station & Adjacent Section																														
T164	T183	Foundation (concreting)	498	1.4	0	0	0	0	0	0	0	0	0	0	0	61	61	61	61	61	61	61	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	498	1.4	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	498	1.4	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	498	1.4	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	498	1.4	0	0	0	0	0	0	0	0	0	0	0	56	56	56	56	56	56	56	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																														
T169	T188	Excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	58	58	58	58	58	58	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	59	59	59	59	59	59	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																														
T174	T193	Works at tunnel portal	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	838	2.3	0	0	0	0	0	0	0	0	0	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																														
T177	T195	Surface drainage construction including pumps to control water	632	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62	62	62	62	62	62	62	0	0	0	0	0	0	0
T178	T196	Track laying	632	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																														
T179	T197	Excavation	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	32	32	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	41	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																														
T183	B17	Ventilation building foundations	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	66	56	0	0	0	0	0	0	0	0	0	0	0
			CKWLR Level		0	0	0	0	0	0	0	63	63	63	63	65	65	65	65	61	61	60	60	60	60	0	0	0	0	0	0	0
			Overall Level		0	0	70	70	70	70	71	72	72	72	73	75	75	75	75	74	74	74	73	73	73	0	0	0	56	56	56	59

ERM No.	07				08				09				10				11				12				13			
	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CKWLR Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall Level	55	55	57	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	63	74	76	76	76	76	76

ERM No.	14				15				16				17				18				19
	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CKWLR Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall Level	77	77	77	77	78	78	78	78	79	79	79	79	79	79	79	79	78	78	78	78	78

NB. "N/A" represents the sight line is screened by terrain

Table C3a.4 - Unmitigated Noise Levels

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric				20				21				22				23				24				25				26				27				28				29				30				31	
			(m)	Absorption, dB(A)	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 65dB(A) during 1900-2300 Phase 1																																																			
A	A	Reclamation & Excavation																																																			
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition. part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O Interchange	886	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	886	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	886	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	235	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	235	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	460	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	460	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																			
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	986	2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																			
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	1265	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	1265	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	1265	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																			
D36	D41	P.T.I in Yam O Station	750	2.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																			
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																		
F	F	Reclamation & Excavation																																																			
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along western boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	227	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.4 - Unmitigated Noise Levels

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric				20				21				22				23				24				25				26				27				28				29				30				31	
		Evening Time Criterion = 65dB(A) during 1900-2300	(m)	Absorption, dB(A)	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																			
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	311	0.9	68	68	68	68	68	68	68	68	68	68	68	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	311	0.9	66	66	66	66	66	66	66	66	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																			
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	311	0.9	66	66	66	66	66	66	66	66	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	311	0.9	66	66	66	66	66	66	66	66	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	311	0.9	67	67	67	67	67	67	67	67	67	67	67	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	311	0.9	66	66	66	66	66	66	66	66	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																			
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	1060	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	1060	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	1060	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																			
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																			
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																			
L124	L135	Theme Park Gateway - foundations	380	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	380	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	230	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	1159	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	1159	3.2	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	1765	4.9	0	0	0	52	52	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	1765	4.9	0	0	0	0	47	47	47	47	47	47	47	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																			
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																			
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																			
O	N	Reclamation & Excavation																																																			
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																			

Table C3a.4 - Unmitigated Noise Levels

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	20 04/	20 07/	20 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/
		Evening Time Criterion = 65dB(A) during 1900-2300																																													
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**																																													
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																													
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																													
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	55
S162	S181	Cross boundary Ferry Pier 2 building foundations	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56	56	56	56	56
T	T	**Penny's Bay Rail Link**																																													
		Yam O Station & Adjacent Section																																													
T184	T193	Foundation (concreting)	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T185	T194	Foundation (formwork & reinforcement)	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T186	T195	Excavation	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T187	T196	Station construction	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T188	T197	Sheet piling for protection on existing tracks / platforms	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																													
T169	T188	Excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																													
T174	T193	Works at tunnel portal	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																													
T177	T195	Surface drainage construction including pumps to control water	632	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	632	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																													
T179	T197	Excavation	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																													
T183	B17	Ventilation building foundations	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			CKWLR Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		75	75	75	75	75	75	75	75	75	75	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	62	58	58	58	58

Table C3a.5 - Unmitigated Noise Levels

| ERM No. | SWHK Item No. | Activity | NSR: Siu Ho Wan Distance (m) | Atmospheric Absorption, dB(A) | 00 01/ | 00 04/ | 00 07/ | 00 10/ | 01 01/ | 01 04/ | 01 07/ | 01 10/ | 02 01/ | 02 04/ | 02 07/ | 02 10/ | 03 01/ | 03 04/ | 03 07/ | 03 10/ | 04 01/ | 04 04/ | 04 07/ | 04 10/ | 05 01/ | 05 04/ | 05 07/ | 05 10/ | 06 01/ | 06 04/ | 06 07/ | 06 10/ | 07 01/ | 07 04/ | 07 07/ | 07 10/ | 08 01/ | 08 04/ | 08 07/ | 08 10/ | 09 01/ | 09 04/ | 09 07/ | 09 10/ | 10 01/ | 10 04/ | 10 07/ | 10 10/ | 11 01/ | 11 04/ | 11 07/ | 11 10/ | 12 01/ | 12 04/ | 12 07/ | 12 10/ | 13 01/ | 13 04/ | 13 07/ | 13 10/ | 14 01/ | 14 04/ | 14 07/ | 14 10/ | 15 01/ | 15 04/ | 15 07/ | 15 10/ | 16 01/ | 16 04/ | 16 07/ | 16 10/ | 17 01/ | 17 04/ | 17 07/ | 17 10/ | 18 01/ | 18 04/ | 18 07/ | 18 10/ | 19 01/ | 19 04/ |
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Table C3a.5 - Unmitigated Noise Levels

NSR: Siu Ho Wan

Evening Time Criterion = 60dB(A) during 1900-2300

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/
F80	F83	Dredging for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	303	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																														
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking):for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	260	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																														
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	260	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	260	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	260	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	260	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																														
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	250	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																														
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																														
K122	K133	Housing foundations	247	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	247	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																														
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																														
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																														
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																														
O	N	Reclamation & Excavation																														
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																														

ERM No.	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/
F80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G																												
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H																												
H102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I																												
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J																												
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K																												
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L																												
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M																												
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N																												
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O																												
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P																												

ERM No.	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/	19 04/
F80	0	0	71	71	71	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	0	0	0	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	0	0	0	0	79	79	79	79	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	0	0	0	0	76	76	76	76	0	0	0	0	0	0	0	0	0	0	0	0	0
G																						
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	69	69	69	69	69	69	69	69	69	69	69	69	69	69
H																						
H102	0	0	0	0	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
H103	0	0	0	0	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
H104	0	0	0	0	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
H105	0	0	0	0	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I																						
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	68	68	68	68
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J																						
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K																						
K122	0	0	0	0	0	0	0	0	0	0	0	0	73	73	73	73	73	73	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	69	69	69	69	69	69
L																						
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M																						
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N																						
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O																						
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P																						

Table C3a.5 - Unmitigated Noise Levels

NSR: Siu Ho Wan

Evening Time Criterion = 60dB(A) during 1900-2300

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19	
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**																																																																															
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																																																												
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																																																															
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																																																												
		Yam O Station & Adjacent Section																																																																											
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																																												
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																																												
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																																												
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																																												
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																																												
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	68	68	68	68	68	68	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71	71	81	82	82	82	79	76	76	76	78	78	78	78	78	78	77	77	77	77

NB. "N/A" represents the sight line is screened by terrain

Table C3a.5 - Unmitigated Noise Levels

ERM No.	SWHK Item No.	Activity	NSR: Siu Ho Wan Distance (m)	Atmospheric Absorption, dB(A)	20 07/	20 10/	20 01/	20 04/	21 07/	21 10/	21 01/	21 04/	22 07/	22 10/	22 01/	22 04/	23 07/	23 10/	23 01/	23 04/	24 07/	24 10/	24 01/	24 04/	25 07/	25 10/	25 01/	25 04/	26 07/	26 10/	26 01/	26 04/	27 07/	27 10/	27 01/	27 04/	28 07/	28 10/	28 01/	28 04/	29 07/	29 10/	29 01/	29 04/	30 07/	30 10/	30 01/	30 04/	31 07/	31 10/	31 01/	31 04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																
		Phase 1																																																	
A	A	Reclamation & Excavation																																																
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																															
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																														
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																														
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																														
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																														
F	F	Reclamation & Excavation																																														
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66

Table C3a.5 - Unmitigated Noise Levels

NSR: Siu Ho Wan

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	20 07/	20 10/	20 01/	20 04/	21 07/	21 10/	21 01/	21 04/	22 07/	22 10/	22 01/	22 04/	23 07/	23 10/	23 01/	23 04/	24 07/	24 10/	24 01/	24 04/	25 07/	25 10/	25 01/	25 04/	26 07/	26 10/	26 01/	26 04/	27 07/	27 10/	27 01/	27 04/	28 07/	28 10/	28 01/	28 04/	29 07/	29 10/	29 01/	29 04/	30 07/	30 10/	30 01/	30 04/	31 07/	31 10/	31 01/	31 04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																		
F80	F83	Dredging for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	303	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	260	0.7	69	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	260	0.7	65	65	65	65	65	65	65	65	65	65	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	260	0.7	66	66	66	66	66	66	66	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	260	0.7	60	60	60	60	60	60	60	60	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	260	0.7	70	70	70	70	70	70	70	70	70	70	70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	250	0.7	62	68	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																		
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																		
K122	K133	Housing foundations	247	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	247	0.7	66	69	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and Insitu Infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																		
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																		
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																		
O	N	Reclamation & Excavation																																																		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																		

Table C3a.5 - Unmitigated Noise Levels

ERM No.	SWHK Item No.	Activity	NSR: Siu Ho Wan Distance (m)	Atmospheric Absorption, dB(A)	20 07/	20 10/	20 01/	20 04/	20 07/	21 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																	
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**																																																	
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																																
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																																
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																																
		Yam O Station & Adjacent Section																																																
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																															
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																															
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			Overall Level		77	77	76	75	75	75	75	75	75	75	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.6 - Unmitigated Noise Levels

NSR: Tai Ho Housing Development Phase 4

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/
		Phase 1		
A	A	Reclamation & Excavation		
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure		
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade Incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section Including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure		
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites		
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development		
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2		
F	F	Reclamation & Excavation		
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F80	F83	Dredging for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	500	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.6 - Unmitigated Noise Levels

NSR: Tai Ho Housing Development Phase 4

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)
F82	F85	Filling reclamation for Siu Ho Wan	400	1.1
F83	F86	Surcharge placement for Siu Ho Wan	400	1.1
G	G	Transport Infrastructure		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	720	2.0
H	H	Services Infrastructure		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	720	2.0
H103	H110	Installation of water mains Fresh and Salt including irrigation	720	2.0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	720	2.0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	720	2.0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0
I	I	GIC Sites		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0
I113	I120	Schools at Siu Ho Wan	680	1.9
I114	I121	Police station in Northshore	N/A	0.0
I115	I122	Fire station in Northshore	N/A	0.0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0
J	J	Theme Park Development		
J117	J124	Theme Park building / attraction foundations	N/A	0.0
J118	J125	Theme Park building / attraction construction	N/A	0.0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0
J120	J131	Hotels foundations	N/A	0.0
J121	J132	Hotels superstructure	N/A	0.0
K	K	Siu Ho Wan Development		
K122	K133	Housing foundations	400	1.1
K123	K134	Housing superstructure	400	1.1
L	L	Northshore Development		
L124	L135	Theme Park Gateway - foundations	N/A	0.0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0
L133	L144	Technodrome - foundations	N/A	0.0
L134	L145	Technodrome - superstructure	N/A	0.0
M		Eastern Development		
M135		Recreational Tourism development - Foundations	N/A	0.0
M136		Recreational Tourism development - Superstructure	N/A	0.0
N		Theme Park Development - Theme Park Extension (WDi's Option)		
N137		Theme Park Extension - foundations	N/A	0.0
N138		Theme Park Extension - superstructure	N/A	0.0
N139		RD&E Foundations	N/A	0.0
N140		RD&E Superstructure	N/A	0.0
		Phase 3		
O	N	Reclamation & Excavation		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0
O145	N158	Dredging at Theme Park Extension	N/A	0.0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0
O147	N160	Filling at Theme Park Extension	N/A	0.0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0
P		Transport Infrastructure		
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10 HKLL	N/A	0.0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0
Q	P	Services Infrastructure		

ERM No.	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/
F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/
F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/
F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/
F82	68	68	68	68	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	65	65	65	65	0	0	0	0	0	0	0	0	0	0	0
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	59	59	59	59	59	59	59	59	59	59	59	59
H102	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
H103	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
H104	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
H105	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	59
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	68	68	68	68	68	68	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	64	64	64	64	64
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.6 - Unmitigated Noise Levels

NSR: Tai Ho Housing Development Phase 4

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	04/	07/	10/	01 01/	04/	07/	10/	02 01/	04/	07/	10/	03 01/	04/	07/	10/	04 01/	04/	07/	10/	05 01/	04/	07/	10/	06 01/	04/	07/	10/	07 01/	04/	07/	10/	08 01/	04/	07/	10/	09 01/	04/	07/	10/	10 01/	04/	07/	10/	11 01/	04/	07/	10/	12 01/	04/	07/	10/	13 01/	04/	07/	10/	14 01/	04/	07/	10/	15 01/	04/	07/	10/	16 01/	04/	07/	10/	17 01/	04/	07/	10/	18 01/	04/	07/	10/
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																																																																													
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																																																																														
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																																																																													
		Yam O Station & Adjacent Section																																																																												
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																																														
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																																												
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																																												
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																																												
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																																														
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	59	59	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	62	69	71	70	70	67	61	61	61	69	69	69	70	70	70	66	66

NB. "N/A" represents the sight line is screened by terrain

Table C3a.6 - Unmitigated Noise Levels

NSR: Tai Ho Housing D

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19				20				21				22				23				24				25				26				27				28				29				30				31	
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Phase 1																																																				
A	A	Reclamation & Excavation																																																				
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																			
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																			
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																			
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																			
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																			
F	F	Reclamation & Excavation																																																				
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F80	F83	Dredging for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	500	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.6 - Unmitigated Noise Levels

NSR: Tai Ho Housing D

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19 01/	19 04/	19 07/	19 10/	20 01/	20 04/	20 07/	20 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/	31 07/	31 10/
F82	F85	Filling reclamation for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure). Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking). Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	720	2.0	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	720	2.0	49	49	49	49	49	49	49	49	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	720	2.0	49	49	49	49	49	49	49	49	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	720	2.0	49	49	49	49	49	49	49	49	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	720	2.0	51	51	51	51	51	51	51	51	51	51	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	680	1.9	58	58	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																		
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																		
K122	K133	Housing foundations	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	400	1.1	64	64	64	64	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Taing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																		
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																		
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																		
O	N	Reclamation & Excavation																																																		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																		
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10 HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																																																		

Table C3a.6 - Unmitigated Noise Levels

NSR: Tai Ho Housing D

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19 01/	04/	07/	10/	20 01/	04/	07/	10/	21 01/	04/	07/	10/	22 01/	04/	07/	10/	23 01/	04/	07/	10/	24 01/	04/	07/	10/	25 01/	04/	07/	10/	26 01/	04/	07/	10/	27 01/	04/	07/	10/	28 01/	04/	07/	10/	29 01/	04/	07/	10/	30 01/	04/	07/	10/	31 01/	04/
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																																																					
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																																																					
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure. Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																																																					
		Yam O Station & Adjacent Section																																																					
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																					
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																					
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																					
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																					
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																					
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			Overall Level		66	66	66	66	65	55	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.7 - Unmitigated Noise Levels

NSR: Tai Ho School

ERM No	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	04/	07/	10/	01 01/	04/	07/	10/	02 01/	04/	07/	10/	03 01/	04/	07/	10/	04 01/	04/	07/	10/	05 01/	04/	07/	10/	06 01/	04/	07/	10/	07 01/	04/	07/	10/	08 01/	04/	07/	10/	09 01/	04/	07/	10/	10 01/	04/	07/	10/	11 01/	04/	07/	10/	12 01/	04/	07/	10/	13 01/	04/	07/	10/	14 01/	04/	07/	10/	15 01/	04/	07/	10/	16 01/	04/	07/	10/	17 01/	04/	07/	10/	18 01/	04/	07/	10/
		Phase 1																																																																											
A	A	Reclamation & Excavation																																																																											
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																																											
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																																											
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WO area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																																											
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																																											
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																																											
F	F	Reclamation & Excavation																																																																											
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F80	F83	Dredging for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	64	64	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	72	72	72	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	69	69	69	0	0	0	0	0	0	0	0	0	0	0

Table C3a.7 - Unmitigated Noise Levels

NSR: Tai Ho School

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/
G	G	Transport Infrastructure																						
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																						
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																						
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	593	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																						
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																						
K122	K133	Housing foundations	430	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	430	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																						
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																						
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																						
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																						
O	N	Reclamation & Excavation																						
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P	O	Transport Infrastructure																						
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																						
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	61	61	61	61	61	61	61	61	61	61	61	61
H102	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
H103	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
H104	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
H105	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	68	68	68	68	68	68	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.7 - Unmitigated Noise Levels

ERM No.	SWHK Item	Activity	NSR: Tai Ho School Distance (m)	Atmospheric Absorption, dB(A)	00				01				02				03				04			
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
R	R	Theme Park Development - Theme Park Extension																						
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																						
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																						
		Yam O Station & Adjacent Section																						
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																						
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																						
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																						
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																						
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																						
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	SWHK Item	05				06				07				08				09			
		01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
R	R																				
R156	R175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S																				
S160	S179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T																				
T164	T183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T169	T188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T174	T193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T177	T195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T179	T197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T183	B17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall Level		0	0	0	0	0	0	60	60	60	60	60	60	60	60	0	0	0	0	0	0

ERM No.	SWHK Item	10				11				12				13				14			
		01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
R	R																				
R156	R175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S																				
S160	S179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T																				
T164	T183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T169	T188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T174	T193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T177	T195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T179	T197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T183	B17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	65

ERM No.	SWHK Item	15				16				17				18			
		01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
R	R																
R156	R175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S																
S160	S179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T																
T164	T183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T169	T188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T174	T193	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T177	T195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T179	T197	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T183	B17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall Level		73	75	74	74	71	68	69	68	71	71	71	71	71	71	69	69

NB. "N/A" represents the sight line is screened by terrain

Table C3a.7 - Unmitigated Noise Levels

NSR: Tai Ho School

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19 01/	04/	07/	10/	20 01/	04/	07/	10/	21 01/	04/	07/	10/	22 01/	04/	07/	10/	23 01/	04/	07/	10/	24 01/	04/	07/	10/	25 01/	04/	07/	10/	26 01/	04/	07/	10/	27 01/	04/	07/	10/	28 01/	04/	07/	10/	29 01/	04/	07/	10/	30 01/	04/	07/	10/	31 01/	04/
		Phase 1																																																				
A	A	Reclamation & Excavation																																																				
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition. part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport infrastructure																																																				
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																				
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to be into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																				
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																				
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																				
F	F	Reclamation & Excavation																																																				
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F80	F83	Dredging for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.7 - Unmitigated Noise Levels

ERM No.	SWHK Item	Activity	NSR: Tai Ho School Distance (m)	Atmospheric Absorption, dB(A)	19 01/	19 04/	19 07/	19 10/	20 01/	20 04/	20 07/	20 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/
G	G	Transport Infrastructure																																																			
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Fa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	605	1.7	61	61	61	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																				
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	605	1.7	39	39	39	39	39	39	39	39	39	39	39	39	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	605	1.7	39	39	39	39	39	39	39	39	39	39	39	39	39	39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	605	1.7	61	61	61	61	61	61	61	61	61	61	61	61	61	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	605	1.7	42	42	42	42	42	42	42	42	42	42	42	42	42	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																			
H109	H116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H110	H117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H111	H118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H112	H119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H113	H120	Schools at Siu Ho Wan	593	1.7	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H114	H121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H115	H122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H116	H123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																		
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																		
K122	K133	Housing foundations	430	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	430	1.2	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsai trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																		
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																	
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																	
O	N	Reclamation & Excavation																																																	
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3a.7 - Unmitigated Noise Levels

ERM No.	SWHK Item	Activity	NSR: Tai Ho School Distance (m)	Atmospheric Absorption, dB(A)	19 01/	19 04/	19 07/	19 10/	20 01/	20 04/	20 07/	20 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/
R	R	**Theme Park Development - Theme Park Extension**																																																		
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																																		
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and Insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																																	
		Yam O Station & Adjacent Section																																																	
T184	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T185	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T186	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T187	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T188	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																
T189	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	819	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																															
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																															
T183	817	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	818	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		69	69	69	69	66	66	66	66	66	66	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NB. "N/A" represents the sight line is screened by terrain

Table C3b.1 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Peng Chau

Northshore Lantau Development - Construction Programme

Evening Time Criterion = 60dB(A) during 1900-2300

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/
		Phase 1																														
A	A	Reclamation & Excavation																														
A1	A1	Slope protection in Penny's Bay West	2330	6.5	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	41	41	41	41	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Penny's Bay Stage 1	1990	5.6	0	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Penny's Bay Stage 1	1940	5.4	0	0	43	43	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Penny's Bay Stage 1	1990	5.6	0	0	0	51	51	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Penny's Bay Stage 1	1990	5.6	0	0	0	0	41	41	41	41	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition. part of Cheoy Lee	4110	11.5	0	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	4110	11.5	0	0	0	0	0	0	0	0	0	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	4110	11.5	0	0	0	0	0	0	0	0	0	0	29	29	29	29	29	29	29	29	29	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																														
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	3870	10.8	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	32	32	32	32	32	32	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	3870	10.8	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	3870	10.8	0	0	0	0	0	0	0	0	0	0	0	0	27	27	27	27	27	27	27	27	27	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	3410	9.5	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	3410	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	32	32	32	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	3410	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29	29	29	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	39	39	39	39	39	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	37	0	0	0	0	0	0	0
C	C	Services Infrastructure																														
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2250	6.3	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0	0	0	0
C27	C32	Excavation of lake	4020	11.3	0	0	0	0	0	27	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	4020	11.3	0	0	0	0	0	0	0	0	24	24	24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	4020	11.3	0	0	0	0	0	0	0	0	0	0	23	23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	2240	6.3	0	0	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2240	6.3	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	2240	6.3	0	0	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	0	0	0	0	0	0	0
D	D	GIC Sites																														
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	33	33	33	33	33	33	33	33	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	28	28	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	28	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Peng Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																														
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	2280	6.4	0	0	0	0	0	0	0	0	0	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	2280	6.4	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	2280	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49	49	49	49	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	46	46	46	46	46	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	46	46	46	46	46	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	47	47	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	54	54	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	3450	9.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	3450	9.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	0	0	0	0	0	0	0	0
		Phase 2																														
F	F	Reclamation & Excavation																														
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	4400	12.3	0	0	0	0	0	0	0	0	27	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	4350	12.2	0	0	0	0	0	0	0	0	0	19	19	19	19	19	19	19	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	4400	12.3	0	0	0	0	0	0	0	0	0	26	26	26	26	26	26	26	26	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	4400	12.3	0	0	0	0	0	0	0	0	0	0	26	26	26	26	26	26	26	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	3450	9.7	0	0	0	0	0	0	0	0	0	0	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	0
F62	F65	Dredging for Penny's Bay Stage 2	2450	6.9	0	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Penny's Bay Stage 2	2400	6.7	0	0	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Penny's Bay Stage 2	2450	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	42	42	42	42	42	42	42	42	42	42	42	0	0	0	0
F65	F68	Surcharge placement for Penny's Bay Stage 2	2450	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	38	38	38	38	38	38	38	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	4570	12.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	4850	13.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	4570	12.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	4570	12.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/
A1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.1 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Peng Chau

Northshore Lantau Development - Construction Programme

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	04/	07/	10/	01 01/	04/	07/	10/	02 01/	04/	07/	10/	03 01/	04/	07/	10/	04 01/	04/	07/	10/	05 01/	04/	07/	10/	06 01/	04/	07/	10/	07 01/	04/	07/	10/	08 01/	04/	07/	10/	09 01/	04/	07/	10/	10 01/	04/	07/	10/	11 01/	04/	07/	10/	12 01/	04/	07/	10/	13 01/	04/	07/	10/	14 01/	04/	07/	10/	15 01/	04/	07/	10/	16 01/	04/	07/	10/	17 01/	04/	07/	10/	18 01/	04/	07/	10/	19 01/
		Evening Time Criterion = 60dB(A) during 1900-2300		
F60	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	**Transport Infrastructure**		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate) for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	3320	9.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	3810	10.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	4545	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate) for Eastern Reclamation	4545	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking):for Eastern Reclamation	4545	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	**Services Infrastructure**		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	**GIC Sites**		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	33	33	33	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	**Theme Park Development**		
J117	J124	Theme Park building / attraction foundations	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	51	51	51	51	51	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	42	42	42	42	42	42	42	42	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	**Siu Ho Wan Development**		
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	**Northshore Development**		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		**Eastern Development**		
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		**Theme Park Development - Theme Park Extension (WDI's Option)**		
N137		Theme Park Extension - foundations	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	49	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3		
O	N	**Reclamation & Excavation**		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	4300	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		**Transport Infrastructure**		
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	4235	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.1 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Peng Chau

Northshore Lantau Development - Construction Programme

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/
		Evening Time Criterion = 60dB(A) during 1900-2300		
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	4235	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	4235	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**		
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**		
R156	R175	Theme Park Extension - foundations	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**		
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**		
		Yam O Station & Adjacent Section		
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)		
T169	T188	Excavation	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	28	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	17	17	17	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	16	16	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works		
T174	T193	Works at tunnel portal	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	28	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	24	24	24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	4290	12.0	0	0	0	0	0	0	0	0	0	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip		
T177	T195	Surface drainage construction including pumps to control water	3070	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	3070	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section		
T179	T197	Excavation	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	34	34	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	23	23	23	23	23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building		
T183	B17	Ventilation building foundations	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Theme Park Level		0	38	49	53	53	53	53	52	47	52	56	57	59	59	58	58	59	59	59	59	59	57	45	45	43	42	42	41	48	48	48	44	43	38	48	52	54	54	54	51	51	51	52	52	52	52	48	0	0	0	0	0	0	0	0	47	47	47	38	38	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0
			CKWLR Level		0	0	0	0	0	0	0	0	27	30	32	36	35	35	35	35	35	33	33	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	38	49	53	53	53	53	52	47	52	56	57	59	59	58	58	59	59	59	59	59	57	45	45	43	42	42	41	48	48	48	44	43	38	48	52	54	54	54	51	51	51	52	52	52	52	48	0	0	0	0	0	0	0	0	47	47	47	38	38	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0

NB. "N/A" represents the sight line is screened by terrain

NSLD Completion

Table C3b.1 - Mitigated Noise Levels (w/ Quiet Plant)

ERM No.	SWHK Item No.	Activity	NSR: Peng Chau Distance	Atmospheric				20				21				22				23				24				25				26				27				28				29				30				31	
			(m)	Absorption, dB(A)	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																		
		Phase 1																																																		
A	A	Reclamation & Excavation																																																		
A1	A1	Slope protection in Penny's Bay West	2330	6.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Penny's Bay Stage 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Penny's Bay Stage 1	1940	5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Penny's Bay Stage 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Penny's Bay Stage 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	4110	11.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	4110	11.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	4110	11.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																		
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	3870	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	3870	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	3870	10.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	3410	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	3410	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	3410	9.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																		
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	4020	11.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	4020	11.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	4020	11.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	2240	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2240	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	2240	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																		
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																		
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	2280	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	2280	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	2280	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	2250	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	1990	5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	3450	9.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	3450	9.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																		
F	F	Reclamation & Excavation																																																		
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	4400	12.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	4400	12.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	4400	12.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	3450	9.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Penny's Bay Stage 2	2450	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Penny's Bay Stage 2	2400	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Penny's Bay Stage 2	2450	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Penny's Bay Stage 2	2450	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	4570	12.8	0	0	0	0	0	0	0	0	0	0	27	27	27	27	27	27	27	27	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	4850	13.0	0	0	0	0	0	0	0	0	0	0	0	24	24	24	24	24	24	24	24	24	24	24	24	24	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	4570	12.8	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	34	34	34	34	34	34	34	34	34	34	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	4570	12.8	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27	27	27	27	27	27	27	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.1 - Mitigated Noise Levels (w/ Quiet Plant)

ERM No.	SWHK Item No.	Activity	NSR: Peng Chau Distance (m)	Atmospheric Absorption, dB(A)				20				21				22				23				24				25				26				27				28				29				30				31	
			(m)	Absorption, dB(A)	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																			
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	3320	9.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	3810	10.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	28	29	29	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	4545	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	25	25	25	25	26	25	25	25	26	25	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	4545	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	4545	12.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	20	20	20	20	20	20	20	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	2550	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	3360	9.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																		
J117	J124	Theme Park building / attraction foundations	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																		
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																		
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																		
N137		Theme Park Extension - foundations	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	2660	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	2350	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																		
O	N	Reclamation & Excavation																																																		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	28	25	25	25	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	4300	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	29	28	28	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29	29	29	29	29	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	4350	12.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	22	22	22	22	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	34	34	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																		
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	4235	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29	29	29	29	29	29	29	29	29	0	0	0

Table C3b.1 - Mitigated Noise Levels (w/ Quiet Plant)

ERM No.	SWHK Item No.	Activity	NSR: Peng Chau Distance (m)	Atmospheric Absorption, dB(A)	20 04/	20 07/	20 10/	20 01/	21 04/	21 07/	21 10/	21 01/	22 04/	22 07/	22 10/	22 01/	23 04/	23 07/	23 10/	23 01/	24 04/	24 07/	24 10/	24 01/	25 04/	25 07/	25 10/	25 01/	26 04/	26 07/	26 10/	26 01/	27 04/	27 07/	27 10/	27 01/	28 04/	28 07/	28 10/	28 01/	29 04/	29 07/	29 10/	29 01/	30 04/	30 07/	30 10/	30 01/	31 04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																														
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	4235	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	26	26	26	26	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	4235	11.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	24	24	24	24	24	0	0
Q	P	**Services Infrastructure**																																														
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																														
R156	R175	Theme Park Extension - foundations	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	36	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30
R158	R177	Technodrome - foundations	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	3200	9.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	30	30	30	30
S	S	**Northshore Development**																																														
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																														
		Yam O Station & Adjacent Section																																														
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																														
T169	T188	Excavation	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																														
T174	T193	Works at tunnel portal	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																														
T177	T195	Surface drainage construction including pumps to control water	3070	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	3070	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																														
T179	T197	Excavation	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	3140	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	3140	8.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																														
T183	B17	Ventilation building foundations	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	4290	12.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Theme Park Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	29	29	29	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			CKWLR Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	27	29	35	36	36	38	38	36	36	36	36	36	36	38	35	35	34	37	42	42	42	42	41	41	40	40	41	41	41	35	35	33	33	33
		NSLD Completion																																														

Table C3b.2 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Discovery Bay

Northshore Lantau Development - Construction Programme

Evening Time Criterion = 60dB(A) during 1900-2300

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	04/	07/	10/	01 01/	04/	07/	10/	02 01/	04/	07/	10/	03 01/	04/	07/	10/	04 01/	04/	07/	10/	05 01/	04/	07/	10/	06 01/	04/	07/	10/
		Phase 1																														
A	A	Reclamation & Excavation																														
A1	A1	Slope protection in Penny's Bay West	1720	4.8	0	0	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	1680	4.7	0	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	1630	4.6	0	0	48	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	1680	4.7	0	0	0	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	1680	4.7	0	0	0	0	43	43	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																														
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	2045	5.7	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	2561	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	0	0	0	0	0	0	0
C	C	Services Infrastructure																														
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2035	5.7	0	0	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	2045	5.7	0	0	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2045	5.7	0	0	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	36	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	2045	5.7	0	0	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	0	0	0	0	0	0	0
D	D	GIC Sites																														
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	36	36	36	36	36	36	36	36	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	33	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	30	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	2790	7.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	35	36	35	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																														
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	2100	5.9	0	0	0	0	0	0	0	0	0	51	51	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	2100	5.9	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	2100	5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	2415	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45	45	45	45	45	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station-Phase 1	2415	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44	44	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	2415	6.8	0	0	0	0	0	0	0	0	0	42	42	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	2415	6.8	0	0	0	0	0	0	0	0	0	0	45	45	45	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	1820	5.1	0	0	0	0	0	0	0	0	0	0	0	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	1820	5.1	0	0	0	0	0	0	0	0	0	0	0	0	56	56	56	56	56	56	56	56	56	56	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																														
F	F	Reclamation & Excavation																														
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	3280	9.2	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	0
F62	F65	Dredging for Theme Park Phase 2	2700	7.6	0	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	2500	7.0	0	0	38	38	38	38	38	38	38	38	38	38	38	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	2700	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	40	40	40	40	40	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	2700	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	34	34	34	34	34	34	34	34	0	0	0
F66	F69	Slope protection along western boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	07 01/	04/	07/	10/	08 01/	04/	07/	10/	09 01/	04/	07/	10/	10 01/	04/	07/	10/	11 01/	04/	07/	10/	12 01/	04/	07/	10/	13 01/	04/	07/	10/	14 01/	04/	07/	10/	15 01/	04/	07/	10/	16 01/	04/	07/	10/	17 01/	04/	07/	10/	18 01/	04/	07/	10/	19 01/	04/
A1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.2 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Discovery Bay

Northshore Lantau Development - Construction Programme

Evening Time Criterion = 60dB(A) during 1900-2300

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	04/	07/	10/	01 01/	04/	07/	10/	02 01/	04/	07/	10/	03 01/	04/	07/	10/	04 01/	04/	07/	10/	05 01/	04/	07/	10/	06 01/	04/	07/	10/	07 01/	04/	07/	10/	08 01/	04/	07/	10/	09 01/	04/	07/	10/
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																										
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	3101	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	33	33	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	34	34	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	4015	11.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking):for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																										
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																										
I109	I116	P.T.I in Penny's Bay Station- Phase 2	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	33	33	33	33	33	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	30	30	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	32	32	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																										
J117	J124	Theme Park building / attraction foundations	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	47	47	0
J118	J125	Theme Park building / attraction construction	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50
J119	J126	Theme Park surfacing, landscaping and berms	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	2600	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	46	46	0
J121	J132	Hotels superstructure	2600	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	40
K	K	Siu Ho Wan Development																																										
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																										
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																										
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																										
N137		Theme Park Extension - foundations	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	46	48	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	38	38	38	38	0	0	0
N139		RD&E Foundations	2561	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	2561	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	40	48	48	48	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																										
O	N	Reclamation & Excavation																																										
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	4910	13.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	3690	10.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																										

ERM No.	SWHK Item No.	10 01/	04/	07/	10/	11 01/	04/	07/	10/	12 01/	04/	07/	10/	13 01/	04/	07/	10/	14 01/	04/	07/	10/	15 01/	04/	07/	10/	16 01/	04/	07/	10/	17 01/	04/	07/	10/	18 01/	04/	07/	10/	19 01/	04/
F80	F83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G																																						
G84	G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H																																						
H102	H109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I																																						
I109	I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J																																						
J117	J124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	50	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	0	0	48	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	40	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K																																						
K122	K133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L																																						
L124	L135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M																																							
M135		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N																																							
N137		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	45	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O	N																																						
O141	N154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P																																							

Table C3b.2 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Discovery Bay

Northshore Lantau Development - Construction Programme

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19	
			(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																																														
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																																																																													
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																																																																													
R156	R175	Theme Park Extension - foundations	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																																																																													
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and Insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																																																																													
		Yam O Station & Adjacent Section																																																																														
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																																														
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																																														
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																																															
T177	T195	Surface drainage construction including pumps to control water	2742	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	37	37	37	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	2742	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																																															
T179	T197	Excavation	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	35	36	36	35	35	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	23	23	23	23	23	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	3068	8.8	0	0	0	0	0	0	0	0	0	0	0	0	35	35	36	35	35	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																																														
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			CKWLR Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	40	50	55	55	55	55	55	48	53	57	58	60	60	59	59	59	60	60	60	60	58	44	44	43	42	42	41	48	48	48	43	42	38	47	52	53	53	53	51	51	51	52	52	52	52	47	0	0	0	0	0	0	0	0	46	47	47	38	38	38	38	38	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NB. "N/A" represents the sight line is screened by terrain

Table C3b.2 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Discovery Bay

ERM No.	BWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)
		Evening Time Criterion = 60dB(A) during 1900-2300		
		Phase 1		
A	A	**Reclamation & Excavation**		
A1	A1	Slope protection in Penny's Bay West	1720	4.8
A2	A2	Dredging at Theme Park Phase 1	1660	4.7
A3	A3	Placement of seawall at Theme Park Phase 1	1630	4.6
A4	A4	Filling at Theme Park Phase 1	1660	4.7
A5	A5	Surcharge at Theme Park Phase 1	1660	4.7
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0
A9	A9	Blasting in Yam O section	N/A	0.0
A10	A10	Slope protection in Yam O section	N/A	0.0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0
A14	A14	Filling at Yam O PTI	N/A	0.0
A15	A15	Surcharge at Yam O PTI	N/A	0.0
B	B	**Transport Infrastructure**		
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0
B22	B26	Road surfacing / Construction (elevated section including decking).Road P2 Northshore Development to Theme Park West	N/A	0.0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	2045	5.7
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	2561	7.2
C	C	**Services Infrastructure**		
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2035	5.7
C27	C32	Excavation of lake	N/A	0.0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0
C32	C37	Landscaping of reservoirs	N/A	0.0
C33	C38	Installation of water mains Fresh and Salt including irrigation	2045	5.7
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2045	5.7
C35	C40	Installation of stormwater drainage, open channels plus culverts	2045	5.7
D	D	**GIC Sites**		
D36	D41	P.T.I in Yam O Station	N/A	0.0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	2790	7.8
D38	D43	Public Parking in Penny's Bay Station- Phase 1	2790	7.8
D39	D44	Police Station in Penny's Bay Station- Phase 1	2790	7.8
D40	D45	Fire Station in Penny's Bay Station- Phase 1	2790	7.8
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	2790	7.8
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0
E	E	**Theme Park Development**		
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	2100	5.9
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	2100	5.9
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	2100	5.9
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	2415	6.8
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station-Phase 1	2415	6.8
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	2415	6.8
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	2415	6.8
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	1820	5.1
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	1820	5.1
E52		Water Recreation Centre - foundation	N/A	0.0
E53		Water Recreation Centre - superstructure	N/A	0.0
		Phase 2		
F	F	**Reclamation & Excavation**		
F54	F57	Excavation through TCT	N/A	0.0
F55	F58	Blasting through TCT	N/A	0.0
F56	F59	Slope protection through TCT	N/A	0.0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0
F61	F64	Slope protection along southern boundary of TCT	3280	9.2
F62	F65	Dredging for Theme Park Phase 2	2700	7.6
F63	F66	Placement of seawall for Theme Park Phase 2	2500	7.0
F64	F67	Filling reclamation for Theme Park Phase 2	2700	7.6
F65	F68	Surcharge placement for Theme Park Phase 2	2700	7.6
F66	F69	Slope protection along western boundary of TCT	N/A	0.0
F67	F70	Dredging for Fa Peng	N/A	0.0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0

ERM No.	20				21				22				23				24				25			
	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
A1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	26				27				28				29				30				31			
	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
A1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.2 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Discovery Bay

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric			20				21				22				23				24				25				26				27				28				29				30				31	
			(m)	Absorption, dB(A)	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																		
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	3101	8.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	4015	11.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	28	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking):for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	2727	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	3250	9.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																		
J117	J124	Theme Park building / attraction foundations	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	2600	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	2600	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																		
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																		
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																		
N137		Theme Park Extension - foundations	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	2730	7.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	2581	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	2581	7.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																		
O	N	Reclamation & Excavation																																																		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	22	22	22	22	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	4910	13.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	22	23	23	23	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27	27	27	27	27	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	20	20	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	28	28	28	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	31	31	31	31	31	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	3690	10.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	37	37	37	37	37	37	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	28	28	28	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																		

Table C3b.2 - Mitigated Noise Levels (w/ Quiet Plant)

ERM No.	SWHK Item No.	Activity	NSR: Discovery Bay Distance	Atmospheric			20				21				22				23				24				25				26				27				28				29				30				31	
			(m)	Absorption, dB(A)	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																		
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27	27	27	27	27	27	27	27	27	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	23	23	23	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	4820	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	21	21	21	21	21	21	21	0	0	0
Q	P	Services Infrastructure																																																		
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	22	22	22	22	22	22	22	22	22	22	0
Q153	P170	Installation of water mains Fresh and Salt	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	22	22	22	22	22	22	22	22	22	22	22	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23	23	23	23	23	23	23	23	23	23	23	23	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	4455	12.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	24	24	24	24	24	24	24	24	24	24	24	0
R	R	Theme Park Development - Theme Park Extension																																																		
R156	R175	Theme Park Extension - foundations	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	33	33	33	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27	27	27	27	27	27	27	27	27
R158	R177	Technodrome - foundations	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	33	33	33	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	3760	10.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	27	27	27	27	27	27	27	27	27
S	S	Northshore Development																																																		
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																																																		
		Yam O Station & Adjacent Section																																																		
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																		
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																		
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																		
T177	T195	Surface drainage construction including pumps to control water	2742	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	2742	7.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																		
T179	T197	Excavation	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	3068	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																		
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			CKWLR Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	28	29	30	30	30	29	28	29	28	29	29	29	28	28	28	28	28	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	34	39	40	40	40	39	38	39	38	38	39	36	38	34	34	34	34	33	33	30

Table C3b.3 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tso Wan

Northshore Lantau Development - Construction Programme

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19	
			(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300		
		Phase 1		
A	A	Reclamation & Excavation		
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition. part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure		
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure		
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites		
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development		
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2		
F	F	Reclamation & Excavation		
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	56	58	58	58	56	58	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	48	48	48	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	56	55	55	56	55	55	56	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	55	55	56	56	55	56	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.3 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tso Wan

Northshore Lantau Development - Construction Programme

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19	
			(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300		
F68	F69	Slope protection along eastern boundary of TCT	630	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	300	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	**Transport Infrastructure**		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	227	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	**Services Infrastructure**		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	455	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	455	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	**GIC Sites**		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	**Theme Park Development**		
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	**Siu Ho Wan Development**		
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	**Northshore Development**		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.3 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tso Wan

Northshore Lantau Development - Construction Programme

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19	
			(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300		
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development		
M135		Recreational Tourism development - Foundations	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)		
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3		
O	N	Reclamation & Excavation		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	1260	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure		
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure		
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension		
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development		
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link		
		Yam O Station & Adjacent Section		
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)		
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works		
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip		
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section		
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building		
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			CKWLR Level		0	0	0	0	0	0	0	0	58	59	60	60	60	60	60	59	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	58	59	60	60	60	60	60	59	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NSLD Completion		

Table C3b.3 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tso Wan

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	20				21				22				23				24				25				26				27				28				29				30				31			
			(m)	Absorption, dB(A)	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																		
		Phase 1																																																		
A	A	Reclamation & Excavation																																																		
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																		
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																		
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																		
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																		
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station-Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																		
F	F	Reclamation & Excavation																																																		
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.3 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tso Wan

ERM No.	BWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	20				21				22				23				24				25				26				27				28				29				30				31			
					07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																															
F68	F69	Slope protection along eastern boundary of TCT	630	1.8	0	0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	300	0.8	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	**Transport Infrastructure**																																														
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66	66	66	66	66	66	66	66	66	66	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	67	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking).for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61	61	61	61	61	61	61	61	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	227	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	0	0	0	0	0	0	64	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	**Services Infrastructure**																																														
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	455	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	64	64	64	64	64	64	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	455	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66	66	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	**GIC Sites**																																														
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	**Theme Park Development**																																														
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	**Siu Ho Wan Development**																																													
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	**Northshore Development**																																													
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.3 - Mitigated Noise Levels (w/ Quiet Plant)

ERM No.	SWHK Item No.	Activity	NSR: Tso Wan Distance (m)	Atmospheric Absorption dB(A)	20 07/	20 10/	20 01/	20 04/	21 07/	21 10/	21 01/	21 04/	22 07/	22 10/	22 01/	22 04/	23 07/	23 10/	23 01/	23 04/	24 07/	24 10/	24 01/	24 04/	25 07/	25 10/	25 01/	25 04/	26 07/	26 10/	26 01/	26 04/	27 07/	27 10/	27 01/	27 04/	28 07/	28 10/	28 01/	28 04/	29 07/	29 10/	29 01/	29 04/	30 07/	30 10/	30 01/	30 04/	31 07/	31 10/	31 01/	31 04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																	
L128	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																	
M135		Recreational Tourism development - Foundations	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																
O	N	Reclamation & Excavation																																																
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	1260	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45	45	45	45	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56	56	56	56	56	56	56	56	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	55	55	55	55	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	52	52	0	0	0	0	0
Q	P	Services Infrastructure																																															
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	52	52	52	52	52	52	52	0
Q153	P170	Installation of water mains Fresh and Salt	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	52	52	52	52	52	52	52	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	53	53	53	53	53	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	54	54	54	54	54	0
R	R	Theme Park Development - Theme Park Extension																																															
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																																															
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																																															
		Yam O Station & Adjacent Section																																																
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																															
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																															
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																															
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																														
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																														
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			CKWLR Level		0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NSLD Completion	Overall Level		0	0	0	0	0	0	0	0	0	57	60	63	67	67	67	67	67	68	68	68	68	68	69	69	69	71	74	74	71	70	70	70	68	68	69	69	69	69	63	62	62	62	62	62	59	59	0

Table C3b.4 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/
		Evening Time Criterion = 65dB(A) during 1900-2300																																										
		Phase 1																																										
A	A	Reclamation & Excavation																																										
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition. part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O Interchange	886	2.5	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	886	2.5	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	886	2.5	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																										
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	886	2.8	0	0	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	47	47	47	47	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	51	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	473	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																										
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	480	1.3	0	0	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	1265	3.5	0	0	0	0	0	0	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	1265	3.5	0	0	0	0	0	0	44	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	1265	3.5	0	0	0	0	0	0	0	0	0	0	0	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	480	1.3	0	0	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	480	1.3	0	0	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	480	1.3	0	0	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																										
D36	D41	P.T.I in Yam O Station	750	2.1	0	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																										
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station-Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																										
F	F	Reclamation & Excavation																																										
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along western boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	227	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	SWHK Item No.	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/
A1	A1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B16	B20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C26	C31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D36	D41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E43	E48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F54	F57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	0	0	0	0	0	0	0	0	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0
F72	F75	0	0	0	0	0	0	0	0	0	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	0	0	0	0	0	0
F73	F76	0	0	0	0	0	0	0	0	0	0	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	0	0	0	0	0
F74	F77	0	0	0	0	0	0	0	0	0	0	0	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	0	0	0	0
F75	F78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.4 - Mitigated Noise Levels (w/ Quiet Plant)

ERM No.	SWHK Item No.	Activity	NSR: Luk Keng Tsuen Distance (m)	Atmospheric Absorption, dB(A)	00 01/	01 01/	02 01/	03 01/	04 01/	05 01/	06 01/	07 01/	08 01/	09 01/	10 01/	11 01/	12 01/	13 01/	14 01/	15 01/	16 01/	17 01/	18 01/	19 01/
		Evening Time Criterion = 65dB(A) during 1900-2300																						
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																						
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																						
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																						
I109	H116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	1060	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	1060	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	1060	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																						
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																						
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																						
L124	L135	Theme Park Gateway - foundations	380	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	380	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	230	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	1159	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	1159	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	1765	4.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	1765	4.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																						
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDII's Option)																						
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																						
O	N	Reclamation & Excavation																						
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																						

Table C3b.4 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)
		Evening Time Criterion = 65dB(A) during 1900-2300		
P149	O165	Road structures including (piling & foundations plus superstructure) R10 Toll Plaza to R10-HKLL	N/A	0.0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0
P151	O167	Road surfacing / construction (elevated section including decking) R10 Toll Plaza to R10-HKLL	N/A	0.0
Q	P	Services Infrastructure		
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0
R	R	Theme Park Development - Theme Park Extension		
R156	R175	Theme Park Extension - foundations	N/A	0.0
R157	R176	Theme Park Extension - superstructure	N/A	0.0
R158	R177	Technodrome - foundations	N/A	0.0
R159	R178	Technodrome - superstructure	N/A	0.0
S	S	Northshore Development		
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	900	2.5
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	900	2.5
S162	S181	Cross boundary Ferry Pier 2 building foundations	900	2.5
S163	S182	Cross boundary Ferry Pier 2 building superstructure	900	2.5
T	T	Penny's Bay Rail Link		
		Yam O Station & Adjacent Section		
T164	T183	Foundation (concreting)	498	1.4
T165	T184	Foundation (formwork & reinforcement)	498	1.4
T166	T185	Excavation	498	1.4
T167	T186	Station construction	498	1.4
T168	T187	Sheet piling for protection on existing tracks / platforms	498	1.4
		Tunnel Portal (Start-up Works)		
T169	T188	Excavation	838	2.3
T170	T189	Sheet piling	838	2.3
T171	T190	Soil nail installation and initial tunnel excavation	838	2.3
T172	T191	Re-construction of roads	838	2.3
T173	T192	Mechanical rock excavation	838	2.3
		Tunnel Works		
T174	T193	Works at tunnel portal	838	2.3
T175	T194	Removal of spoil at tunnel portal	838	2.3
T176	B19	Concrete lining, track laying	838	2.3
		Trackwork, OHL & Trip		
T177	T195	Surface drainage construction including pumps to control water	632	1.8
T178	T196	Track laying	632	1.8
		Disney Station & Open Cut Section		
T179	T197	Excavation	2933	8.2
T180	T198	Foundation (concreting)	2933	8.2
T181	T199	Foundation (formwork & reinforcement)	2933	8.2
T182	T200	Station construction	2933	8.2
		Ventilation Building		
T183	B17	Ventilation building foundations	838	2.3
T184	B18	Ventilation building superstructure	838	2.3
		NB "N/A" represents the sight line is screened by terrain	CKWLR Level	
			Overall Level	

ERM No.	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T164	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	0	0
T165	0	0	0	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	0	0
T166	0	0	0	0	0	0	0	0	0	0	0	55	56	55	56	55	55	55	0	0
T167	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	0	0
T168	0	0	0	0	0	0	0	0	0	0	0	58	58	58	58	58	58	58	0	0
T169	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	51	51	51	0	0
T170	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	0	0
T171	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	0	0
T172	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	41	0	0
T173	0	0	0	0	0	0	0	0	0	0	0	0	42	42	42	42	42	42	0	0
T174	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	0	0
T175	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	48	0	0
T176	0	0	0	0	0	0	0	0	0	43	48	48	0	0	0	0	0	0	0	0
T177	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	55	55
T178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58	0
T179	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	0	0
T180	0	0	0	0	0	0	0	0	0	0	0	0	23	23	23	23	23	23	0	0
T181	0	0	0	0	0	0	0	0	0	0	0	0	24	24	24	24	24	24	0	0
T182	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	36	0	0
T183	0	0	0	0	0	0	0	0	0	0	0	0	0	63	53	0	0	0	0	0
T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	0	0	0
CKWLR Level	0	0	0	0	0	0	0	56	56	56	57	59	59	59	59	55	55	54	54	54
Overall Level	0	0	62	62	62	62	63	64	64	64	64	67	67	67	68	67	67	68	66	65

ERM No.	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T177	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CKWLR Level	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall Level	64	0	0	0	48	48	48	61	48	48	51	48	48	48	0	0	0	0	0	0

ERM No.	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CKWLR Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall Level	0	0	0	0	0	0	0	0	58	63	70	70	70	70	70	70	71	71	71	71

ERM No.	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CKWLR Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall Level	72	72	71	71	72	72	73	73	73	73	73	72	69	69	65	65	65

Table C3b.4 - Mitigated Noise Levels (w/ Quiet Plant)

ERM No.	SWHK Item No.	Activity	NSR: Luk Keng Tsuen Distance (m)	Atmospheric Absorption, dB(A)	20 04/	07/	10/	01/	21 04/	07/	10/	01/	22 04/	07/	10/	01/	23 04/	07/	10/	01/	24 04/	07/	10/	01/	25 04/	07/	10/	01/	26 04/	07/	10/	01/	27 04/	07/	10/	01/	28 04/	07/	10/	01/	29 04/	07/	10/	01/	30 04/	07/	10/	01/	31 04/
		Evening Time Criterion = 65dB(A) during 1900-2300																																														
		Phase 1																																														
A	A	Reclamation & Excavation																																														
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	886	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	886	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	886	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																														
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	988	2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	473	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																													
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	1265	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	1265	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	1265	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																													
D36	D41	P.T.I in Yam O Station	750	2.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																													
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																													
F	F	Reclamation & Excavation																																													
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along western boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.4 - Mitigated Noise Levels (w/ Quiet Plant)

ERM No.	SWHK Item No.	Activity	NSR: Luk Keng Tsuen Distance (m)	Atmospheric Absorption, dB(A)	Evening Time Criterion = 65dB(A) during 1900-2300
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	
G	G	**Transport Infrastructure**			
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	
G91	G96	Road surfacing / construction at grade for Northern Reclamation	311	0.9	
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	311	0.9	
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	311	0.9	
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	
H	H	**Services Infrastructure**			
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	311	0.9	
H103	H110	Installation of water mains Fresh and Salt including irrigation	311	0.9	
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	311	0.9	
H105	H112	Installation of Stormwater drainage, open channels plus culverts	311	0.9	
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	
I	I	**GIC Sites**			
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	
I113	I120	Schools at Siu Ho Wan	N/A	0.0	
I114	I121	Police station in Northshore	1060	3.0	
I115	I122	Fire station in Northshore	1060	3.0	
I116	I123	LPG/Petrol station in Northshore	1060	3.0	
J	J	**Theme Park Development**			
J117	J124	Theme Park building / attraction foundations	N/A	0.0	
J118	J125	Theme Park building / attraction construction	N/A	0.0	
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	
J120	J131	Hotels foundations	N/A	0.0	
J121	J132	Hotels superstructure	N/A	0.0	
K	K	**Siu Ho Wan Development**			
K122	K133	Housing foundations	N/A	0.0	
K123	K134	Housing superstructure	N/A	0.0	
L	L	**Northshore Development**			
L124	L135	Theme Park Gateway - foundations	380	1.1	
L125	L136	Theme Park Gateway - superstructure	380	1.1	
L126	L137	EcoPark Incl Tsing Chau Tsui trailwalk - footpath and landscape works	230	0.6	
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	870	2.4	
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	870	2.4	
L129	L140	Cross Boundary Ferry Pier 1 building foundations	870	2.4	
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	870	2.4	
L131	L142	Tourist & Convention Centre - foundations	1159	3.2	
L132	L143	Tourist & Convention Centre - superstructure	1159	3.2	
L133	L144	Technodrome - foundations	1765	4.9	
L134	L145	Technodrome - superstructure	1765	4.9	
M		**Eastern Development**			
M135		Recreational Tourism development - Foundations	N/A	0.0	
M136		Recreational Tourism development - Superstructure	N/A	0.0	
N		**Theme Park Development - Theme Park Extension (WDI's Option)**			
N137		Theme Park Extension - foundations	N/A	0.0	
N138		Theme Park Extension - superstructure	N/A	0.0	
N139		RD&E Foundations	N/A	0.0	
N140		RD&E Superstructure	N/A	0.0	
		Phase 3			
O	N	**Reclamation & Excavation**			
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	
O145	N158	Dredging at Theme Park Extension	N/A	0.0	
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	
O147	N160	Filling at Theme Park Extension	N/A	0.0	
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	
P		**Transport Infrastructure**			

Table C3b.4 - Mitigated Noise Levels (w/ Quiet Plant)

ERM No.	SWHK Item No.	Activity	NSR: Luk Keng Tsuen Distance (m)	Atmospheric Absorption, dB(A)	20 04/	20 07/	20 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/
		Evening Time Criterion = 65dB(A) during 1900-2300																																														
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																																														
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																																														
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																																														
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	48
S162	S181	Cross boundary Ferry Pier 2 building foundations	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	46	46	46	46	46
T	T	Penny's Bay Rail Link																																														
		Yam O Station & Adjacent Section																																														
T164	T183	Foundation (concreting)	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																														
T169	T188	Excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																														
T174	T193	Works at tunnel portal	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																														
T177	T195	Surface drainage construction including pumps to control water	632	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	632	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																														
T179	T197	Excavation	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																														
T183	B17	Ventilation building foundations	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		NB. "N/A" represents the sight line is screened by terrain	CKWLR Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		66	66	66	66	66	66	66	66	66	66	66	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56	57	50	50	50

Table C3b.5 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Siu Ho Wan

Evening Time Criterion = 60dB(A) during 1900-2300

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/
		Phase 1																																																																														
A	A	Reclamation & Excavation																																																																														
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																																														
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																																														
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																																															
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																																														
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station-Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																																															
F	F	Reclamation & Excavation																																																																														
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.5 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Siu Ho Wan

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19
		Evening Time Criterion = 60dB(A) during 1900-2300			01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/ 04/ 07/ 10/	01/
F80	F83	Dredging for Siu Ho Wan	125	0.4	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 70 70 70	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
F81	F84	Placement of seawall for Siu Ho Wan	303	0.8	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 62 62 62	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
F82	F85	Filling reclamation for Siu Ho Wan	125	0.4	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 73 73 73	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
F83	F86	Surcharge placement for Siu Ho Wan	125	0.4	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 65	65 65 65 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G	G	**Transport Infrastructure**																						
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G99	G106	Road surfacing / construction (elevated section including decking):for Eastern Reclamation	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	260	0.7	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H	H	**Services Infrastructure**																						
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc	260	0.7	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	260	0.7	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	260	0.7	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	260	0.7	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
I	I	**GIC Sites**																						
H109	H116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H110	H117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H111	H118	2nd Fire Station in Penny's Bay	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H112	H119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H113	H120	Schools at Siu Ho Wan	250	0.7	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H114	H121	Police station in Northshore	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H115	H122	Fire station in Northshore	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
H116	H123	LPG/Petrol station in Northshore	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
J	J	**Theme Park Development**																						
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
J120	J131	Hotels foundations	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
J121	J132	Hotels superstructure	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
K	K	**Siu Ho Wan Development**																						
K122	K133	Housing foundations	247	0.7	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
K123	K134	Housing superstructure	247	0.7	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
L	L	**Northshore Development**																						
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
L133	L144	Technodrome - foundations	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
M		**Eastern Development**																						
M135		Recreational Tourism development - Foundations	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
N		**Theme Park Development - Theme Park Extension (WDI's Option)**																						
N137		Theme Park Extension - foundations	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
N139		RD&E Foundations	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0
N140		RD&E Superstructure	N/A	0.0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0

Table C3b.5 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Siu Ho Wan

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19
			(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																																														
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																																																																													
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																																																																													
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																																																																													
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																																																																													
		Yam O Station & Adjacent Section																																																																													
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																																													
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																																													
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																																													
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																																													
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																																													
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB "N/A" represents the sight line is screened by terrain			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	70	76	76	75	75	69	67	67	67	70	70	70	71	71	71	68	68	68

Table C3b.5 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Siu Ho Wan

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	04/	07/	10/	20 01/	04/	07/	10/	21 01/	04/	07/	10/	22 01/	04/	07/	10/	23 01/	04/	07/	10/	24 01/	04/	07/	10/	25 01/	04/	07/	10/	26 01/	04/	07/	10/	27 01/	04/	07/	10/	28 01/	04/	07/	10/	29 01/	04/	07/	10/	30 01/	04/	07/	10/	31 01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																			
		Phase 1																																																			
A	A	Reclamation & Excavation																																																			
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																			
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																			
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																			
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																			
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																			
F	F	Reclamation & Excavation																																																			
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.5 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Siu Ho Wan

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	04/	07/	10/	01/ 20	04/	07/	10/	01/ 21	04/	07/	10/	01/ 22	04/	07/	10/	01/ 23	04/	07/	10/	01/ 24	04/	07/	10/	01/ 25	04/	07/	10/	01/ 26	04/	07/	10/	01/ 27	04/	07/	10/	01/ 28	04/	07/	10/	01/ 29	04/	07/	10/	01/ 30	04/	07/	10/	01/ 31	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																		
F80	F83	Dredging for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	303	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	**Transport Infrastructure**																																																		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	260	0.7	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	**Services Infrastructure**																																																		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	260	0.7	59	59	59	59	59	59	59	59	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	260	0.7	59	59	59	59	59	59	59	59	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	260	0.7	59	59	59	59	59	59	59	59	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	260	0.7	61	61	61	61	61	61	61	61	61	61	61	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	**GIC Sites**																																																		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	250	0.7	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	**Theme Park Development**																																																		
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	**Siu Ho Wan Development**																																																		
K122	K133	Housing foundations	247	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	247	0.7	61	61	61	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	**Northshore Development**																																																		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		**Eastern Development**																																																		
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		**Theme Park Development - Theme Park Extension (WDI's Option)**																																																		
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																		
O	N	**Reclamation & Excavation**																																																		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		**Transport Infrastructure**																																																		

Table C3b.5 - Mitigated Noise Levels (w/ Quiet Plant)

ERM No.	SWHK Item No.	Activity	NSR: Slu Ho Wan Distance (m)	Atmospheric Absorption, dB(A)	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
					20				21				22				23				24				25				26				27				28				29				30				31	
		Evening Time Criterion = 60dB(A) during 1900-2300																																											
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**																																											
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																											
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																											
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																											
		Yam O Station & Adjacent Section																																											
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																										
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																										
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																										
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																										
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																										
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			Overall Level		68	65	65	67	66	66	66	66	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.6 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tai Ho Housing Development Phase 4

ERM No	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/
		Phase 1																																																																												
A	A	Reclamation & Excavation																																																																														
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to be in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																																														
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																																														
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of fake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																																													
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																																													
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																																													
F	F	Reclamation & Excavation																																																																													
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F80	F83	Dredging for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	500	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62	62	62	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	64	64	64	0	0	0	0	0	0	0	0	0	0	0

Table C3b.6 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tai Ho Housing Development Phase 4

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18			
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
G	G	**Transport Infrastructure**		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	720	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	53	53	53	53
H	H	**Services Infrastructure**		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	720	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
H103	H110	Installation of water mains Fresh and Salt including irrigation	720	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	720	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49	49
H105	H112	Installation of Stormwater drainage, open channels plus culverts	720	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	**GIC Sites**		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	680	1.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	**Theme Park Development**		
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	**Siu Ho Wan Development**		
K122	K133	Housing foundations	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62	62	62	62	62	0	0
K123	K134	Housing superstructure	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56	56	56	56
L	L	**Northshore Development**		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		**Eastern Development**		
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		**Theme Park Development - Theme Park Extension (WDI's Option)**		
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3		
O	N	**Reclamation & Excavation**		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P	O	**Transport Infrastructure**		
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10 HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**		
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.6 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tai Ho Housing Development Phase 4

ERM No.	SWKH Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	04/	07/	10/	01 01/	04/	07/	10/	02 01/	04/	07/	10/	03 01/	04/	07/	10/	04 01/	04/	07/	10/	05 01/	04/	07/	10/	06 01/	04/	07/	10/	07 01/	04/	07/	10/	08 01/	04/	07/	10/
O155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																						
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																						
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																						
		Yam O Station & Adjacent Section																																						
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																						
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																						
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																						
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																						
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																						
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	0	0

ERM No.	Activity	09 01/	04/	07/	10/	10 01/	04/	07/	10/	11 01/	04/	07/	10/	12 01/	04/	07/	10/	13 01/	04/	07/	10/	14 01/	04/	07/	10/	15 01/	04/	07/	10/	16 01/	04/	07/	10/	17 01/	04/	07/	10/	18 01/	04/	07/	10/
O155	Installation of stormwater drainage, open channels plus culverts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	**Theme Park Development - Theme Park Extension**																																								
R156	Theme Park Extension - foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	Theme Park Extension - superstructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	Technodrome - foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	Technodrome - superstructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	**Northshore Development**																																								
S160	Cross boundary Ferry Pier 2 substructure: piling / foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	Cross boundary Ferry Pier 2 building foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	Cross boundary Ferry Pier 2 building superstructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	**Penny's Bay Rail Link**																																								
	Yam O Station & Adjacent Section																																								
T164	Foundation (concreting)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	Foundation (formwork & reinforcement)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	Excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	Station construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	Sheet piling for protection on existing tracks / platforms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tunnel Portal (Start-up Works)																																								
T169	Excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	Sheet piling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	Soil nail installation and initial tunnel excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	Re-construction of roads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	Mechanical rock excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tunnel Works																																								
T174	Works at tunnel portal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	Removal of spoil at tunnel portal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	Concrete lining, track laying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Trackwork, OHL & Trip																																								
T177	Surface drainage construction including pumps to control water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	Track laying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Disney Station & Open Cut Section																																								
T179	Excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	Foundation (concreting)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	Foundation (formwork & reinforcement)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	Station construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ventilation Building																																								
T183	Ventilation building foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	Ventilation building superstructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Overall Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	61	65	66	65	64	59	57	57	57	63	63	63	64	64	64	80	80

NB. "N/A" represents the sight line is screened by terrain

Table C3b.6 - Mitigated Noise Levels (w/ Quiet Plant)

ERM No.	SWHK Item	Activity	NSR: Tai Ho Housing D Distance (m)	Atmospheric Absorption, dB(A)	19 01/	19 04/	19 07/	19 10/	20 01/	20 04/	20 07/	20 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/
		Phase 1																																																				
A	A	Reclamation & Excavation																																																				
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to be in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																				
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																				
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including Irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																				
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																				
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																				
F	F	Reclamation & Excavation																																																				
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F80	F83	Dredging for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	500	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.6 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tai Ho Housing D

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19 01/	19 04/	19 07/	19 10/	20 01/	20 04/	20 07/	20 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/
G	G	Transport Infrastructure																																																				
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	720	2.0	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																				
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	720	2.0	49	49	49	49	49	49	49	49	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	720	2.0	49	49	49	49	49	49	49	49	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	720	2.0	49	49	49	49	49	49	49	49	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	720	2.0	51	51	51	51	51	51	51	51	51	51	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																				
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	680	1.9	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																			
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																				
K122	K133	Housing foundations	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	400	1.1	56	56	56	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																			
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and Insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																			
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																			
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																				
O	N	Reclamation & Excavation																																																				
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																			
P149	O165	Road structures including (piling & foundations plus superstructure) R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																																																			
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.6 - Mitigated Noise Levels (w/ Quiet Plant)

ERM No.	SWHK Item	Activity	NSR: Tai Ho Housing D Distance (m)	Atmospheric Absorption, dB(A)	18 01/	04/	07/	10/	20 01/	04/	07/	10/	21 01/	04/	07/	10/	22 01/	04/	07/	10/	23 01/	04/	07/	10/	24 01/	04/	07/	10/	25 01/	04/	07/	10/	26 01/	04/	07/	10/	27 01/	04/	07/	10/	28 01/	04/	07/	10/	29 01/	04/	07/	10/	30 01/	04/	07/	10/	31 01/	04/
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																																				
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																																				
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																																			
		Yam O Station & Adjacent Section																																																			
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																			
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																			
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B18	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																			
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																		
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																			
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N8. "N/A" represents the sight line is screened by terrain			Overall Level		60	60	60	60	59	55	55	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.7 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tai Ho School

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	04/	07/	10/	01 01/	04/	07/	10/	02 01/	04/	07/	10/	03 01/	04/	07/	10/	04 01/	04/	07/	10/	05 01/	04/	07/	10/	06 01/	04/	07/	10/	07 01/	04/	07/	10/	08 01/	04/	07/	10/	09 01/	04/	07/	10/	10 01/	04/	07/	10/	11 01/	04/	07/	10/	12 01/	04/	07/	10/	13 01/	04/	07/	10/	14 01/	04/	07/	10/	15 01/	04/	07/	10/	16 01/	04/	07/	10/	17 01/	04/	07/	10/	18 01/	04/	07/	10/
		Phase 1																																																																											
A	A	Reclamation & Excavation																																																																											
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition. part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to be in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																																															
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																																														
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																																														
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																																															
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																																															
F	F	Reclamation & Excavation																																																																																
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.7 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tai Ho School

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/
F80	F83	Dredging for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62	62	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66	66	66	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	54	54	54	54
H103	H110	Installation of water mains Fresh and Salt including irrigation	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
H105	H112	Installation of Stormwater drainage, open channels plus culverts	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	593	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development		
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development		
K122	K133	Housing foundations	430	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61	61	61	61	61	0	0
K123	K134	Housing superstructure	430	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56	56	56	56
L	L	Northshore Development		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development		
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)		
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3		
O	N	Reclamation & Excavation		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure		

Table C3b.7 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tai Ho School

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10 HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure		
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension		
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development		
S160	S178	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link		
		Yam O Station & Adjacent Section		
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)		
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works		
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip		
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section		
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building		
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	63	68	69	68	67	62	59	59	59	63	63	63	64	64	64	61	61

NB. "N/A" represents the sight line is screened by terrain.

Table C3b.7 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tai Ho School

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19				20				21				22				23				24				25				26				27				28				29				30				31	
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Phase 1		
A	A	Reclamation & Excavation		
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition. part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure		
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction. Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure		
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites		
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development		
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2		
F	F	Reclamation & Excavation		
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3b.7 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tai Ho School

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19 01/	19 04/	19 07/	19 10/	20 01/	20 04/	20 07/	20 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/
F80	F83	Dredging for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																				
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking):for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	605	1.7	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																				
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	605	1.7	50	50	50	50	50	50	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	605	1.7	51	51	51	51	51	51	51	51	51	51	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	605	1.7	51	51	51	51	51	51	51	51	51	51	51	51	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	605	1.7	53	53	53	53	53	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																				
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	593	1.7	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																				
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																				
K122	K133	Housing foundations	430	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	430	1.2	56	56	56	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																				
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																				
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																				
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																				
O	N	Reclamation & Excavation																																																				
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																				

Table C3b.7 - Mitigated Noise Levels (w/ Quiet Plant)

NSR: Tai Ho School

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19 01/	19 04/	19 07/	19 10/	20 01/	20 04/	20 07/	20 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10 HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																																																		
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																																																	
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																																																	
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																																																	
		Yam O Station & Adjacent Section																																																	
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																	
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																	
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	819	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																
T183	817	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	818	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain		Overall Level			61	61	61	61	60	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.1 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Tso Wan

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19	
			(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300		
		Phase 1		
A	A	Reclamation & Excavation		
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure		
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure		
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites		
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development		
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2		
F	F	Reclamation & Excavation		
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	58	58	56	58	56	58	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	48	48	48	48	48	49	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	55	55	55	55	55	56	56	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	55	55	55	55	56	56	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	630	1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	300	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.1 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Tso Wan

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19	
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																																														
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																																															
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure). Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	227	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																																															
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	455	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	455	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																																															
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																																															
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																																															
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																																															
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Bpundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																																														
M135		Recreational Tourism development - Foundations	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																																															
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																																															
O	N	Reclamation & Excavation																																																																															
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	1260	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																																															

Table C3c.1 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Tso Wan

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	00				01				02				03				04				05				06			
			(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
		Evening Time Criterion = 60dB(A) during 1900-2300																														
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																														
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																														
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																														
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																														
		Yam O Station & Adjacent Section																														
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																														
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																														
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																														
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																														
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																														
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			CKWLR Level		0	0	0	0	0	0	0	0	58	59	60	60	60	60	60	59	58	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	58	59	60	60	60	60	60	59	58	0	0	0	0	0	0	0	0	0	0	0
		NSLD Completion																														

ERM No.	SWHK Item No.	Activity	07				08				09				10				11				12				13			
			01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
		Evening Time Criterion = 60dB(A) during 1900-2300																												
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																												
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																												
R156	R175	Theme Park Extension - foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																												
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																												
		Yam O Station & Adjacent Section																												
T164	T183	Foundation (concreting)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																												
T169	T188	Excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																												
T174	T193	Works at tunnel portal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																												
T177	T195	Surface drainage construction including pumps to control water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																												
T179	T197	Excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																												
T183	B17	Ventilation building foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		CKWLR Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Overall Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No.	SWHK Item No.	Activity	14				15				16				17				18				19	
			01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																						
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																						
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																						
R156	R175	Theme Park Extension - foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																						
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																						
		Yam O Station & Adjacent Section																						
T164	T183	Foundation (concreting)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																						
T169	T188	Excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																						
T174	T193	Works at tunnel portal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																						
T177	T195	Surface drainage construction including pumps to control water	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																						
T179	T197	Excavation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																						
T183	B17	Ventilation building foundations	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		CKWLR Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Overall Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.1 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restrict

NSR: Tso Wan

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	07/	10/	20 01/	04/	07/	10/	21 01/	04/	07/	10/	22 01/	04/	07/	10/	23 01/	04/	07/	10/	24 01/	04/	07/	10/	25 01/	04/	07/	10/	26 01/	04/	07/	10/	27 01/	04/	07/	10/	28 01/	04/	07/	10/	29 01/	04/	07/	10/	30 01/	04/	07/	10/	31 01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																		
		Phase 1																																																			
A	A	Reclamation & Excavation																																																		
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																		
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																		
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																		
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																		
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																		
F	F	Reclamation & Excavation																																																		
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	540	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	630	1.8	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	58	58	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	300	0.8	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	60	60	60	60	60	60	60	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	65	65	65	65	65	65	65	65	65	65	65	65	65	65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.1 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restrict

NSR: Tso Wan

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	07/	10/	20 01/	04/	07/	10/	21 01/	04/	07/	10/	22 01/	04/	07/	10/	23 01/	04/	07/	10/	24 01/	04/	07/	10/	25 01/	04/	07/	10/	26 01/	04/	07/	10/	27 01/	04/	07/	10/	28 01/	04/	07/	10/	29 01/	04/	07/	10/	30 01/	04/	07/	10/	31 01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																		
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	63	63	63	63	63	63	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking):for Eastern Reclamation	160	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	60	60	60	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	227	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	0	0	0	0	0	0	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including Irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	455	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	64	64	64	64	64	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	455	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58	58	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																		
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																		
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																		
M135		Recreational Tourism development - Foundations	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	505	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																		
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																		
O	N	Reclamation & Excavation																																																		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	1260	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	46	46	45	45	45	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	46	48	48	48	46	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	1300	3.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	41	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																		

Table C3c.1 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restrict

ERM No.	SWHK Item No.	Activity	NSR: Tso Wan Distance (m)	Atmospheric Absorption, dB(A)	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
					20				21				22				23				24				25				26				27				28				29				30				31			
		Evening Time Criterion = 60dB(A) during 1900-2300																																													
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58	58	58	58	58	58	58	58	58	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	52	52	52	0	0	0
Q	P	**Services Infrastructure**																																															
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	52	52	52	52	52	52	0
Q153	P170	Installation of water mains Fresh and Salt	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	52	52	52	52	52	52	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	53	53	53	53	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	54	54	54	54	0
R	R	**Theme Park Development - Theme Park Extension**																																														
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																														
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																														
		Yam O Station & Adjacent Section																																														
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																														
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																														
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																														
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																														
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																														
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			CKWLR Level		0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	44	47	51	51	51	51	50	49	59	59	60	60	60	59	59	59	59	59	0	0	0
		NSLD Completion	Overall Level		0	0	0	0	0	0	0	0	0	0	50	58	62	67	67	67	67	67	68	68	68	68	68	68	69	69	69	69	68	69	68	68	68	68	68	68	67	63	62	62	62	62	62	59	59	0

Table C3c.2 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18			
		Evening Time Criterion = 65dB(A) during 1900-2300	(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
		Phase 1																																																																												
A	A	Reclamation & Excavation																																																																												
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	886	2.5	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	886	2.5	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	886	2.5	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																																														
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	886	2.8	0	0	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	919	2.8	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	919	2.8	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	47	47	47	47	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	46	46	46	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43	43	43	43	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																																														
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	480	1.3	0	0	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	1265	3.5	0	0	0	0	0	0	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	1265	3.5	0	0	0	0	0	0	44	44	44	44	44	44	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	1265	3.5	0	0	0	0	0	0	0	0	0	0	0	37	37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	480	1.3	0	0	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	480	1.3	0	0	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	480	1.3	0	0	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																																														
D36	D41	P.T.I in Yam O Station	750	2.1	0	0	0	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																																														
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																																															
F	F	Reclamation & Excavation																																																																															
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along western boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	227	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.2 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18			
			(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
		Evening Time Criterion = 65dB(A) during 1800-2300																																																																															
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																																															
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	57	57	57	57
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	63	63	63	63	63	63	63
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	54	54
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																																															
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
H103	H110	Installation of water mains Fresh and Salt including irrigation	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
H105	H112	Installation of Stormwater drainage, open channels plus culverts	311	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																																															
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	1060	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	43	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	1060	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	1060	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																																														
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																																														
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																																														
L124	L135	Theme Park Gateway - foundations	380	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	380	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	230	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	48	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	47	47	47	0	0
L131	L142	Tourist & Convention Centre - foundations	1159	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	51
L132	L143	Tourist & Convention Centre - superstructure	1159	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	45	45	45
L133	L144	Technodrome - foundations	1765	4.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	1765	4.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																																														
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																																														
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																																														
O	N	Reclamation & Excavation																																																																														
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																																														

Table C3c.2 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/
		Evening Time Criterion = 65dB(A) during 1900-2300																						
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																						
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																						
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																						
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																						
		Yam O Station & Adjacent Section																						
T164	T183	Foundation (concreting)	498	1.4	0	0	0	0	0	0	0	0	0	0	0	40	40	40	40	40	40	40	0	0
T165	T184	Foundation (formwork & reinforcement)	498	1.4	0	0	0	0	0	0	0	0	0	0	0	38	38	38	38	38	38	38	0	0
T166	T185	Excavation	498	1.4	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	53	0	0
T167	T186	Station construction	498	1.4	0	0	0	0	0	0	0	0	0	0	0	61	51	51	51	51	51	61	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	498	1.4	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	48	48	0	0
		Tunnel Portal (Start-up Works)																						
T169	T188	Excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	50	60	60	50	50	50	0	0
T170	T189	Sheet piling	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	52	52	52	52	52	52	0	0
T171	T190	Soil nail installation and initial tunnel excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	44	44	44	44	44	44	0	0
T172	T191	Re-construction of roads	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	41	41	41	41	41	41	0	0
T173	T192	Mechanical rock excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	42	42	42	42	42	42	0	0
		Tunnel Works																						
T174	T193	Works at tunnel portal	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	60	0	0
T175	T194	Removal of spoil at tunnel portal	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	47	47	47	0	0
T176	B19	Concrete lining, track laying	838	2.3	0	0	0	0	0	0	0	0	0	48	48	48	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																						
T177	T195	Surface drainage construction including pumps to control water	632	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	51	51	61	61
T178	T196	Track laying	632	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58.5	58.5	0
		Disney Station & Open Cut Section																						
T179	T197	Excavation	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	35	35	35	35	35	35	0	0
T180	T198	Foundation (concreting)	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	28	28	28	28	28	28	0	0
T181	T199	Foundation (formwork & reinforcement)	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	24	24	24	24	24	24	0	0
T182	T200	Station construction	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	36	36	36	36	36	36	0	0
		Ventilation Building																						
T183	B17	Ventilation building foundations	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	63	52	0	0	0	0	0
T184	B18	Ventilation building superstructure	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	0	0	0
			CKWLR Level		0	0	0	0	0	0	0	56	56	56	57	58	58	66	68	52	52	49	49	49
			Overall Level		0	0	59	59	58	58	61	62	62	62	62	63	64	64	64	63	63	64	63	61

ERM No.	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T177	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CKWLR Level	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall Level	61	0	0	0	48	48	48	51	48	48	51	48	48	48	0	0	0	0	0	0

ERM No.	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CKWLR Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall Level	0	0	0	0	0	0	0	0	66	63	66	67	67	67	67	67	69	69	69	69

ERM No.	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/
P149	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q152	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T164	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T169	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T183	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CKWLR Level	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Overall Level	70	70	69	69	70	70	70	70	70	70	70	69	68	67	66	66

NB. "N/A" represents the sight line is screened by terrain

Table C3c.2 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19				20				21				22				23				24				25				26				27				28				29				30				31	
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 65dB(A) during 1900-2300 Phase 1																																																				
A	A	Reclamation & Excavation																																																				
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition. part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	886	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	886	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	886	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																				
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	886	2.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	919	2.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	825	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																				
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	1265	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	1265	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	1285	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	480	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																				
D36	D41	P.T.I in Yam O Station	750	2.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																				
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																				
F	F	Reclamation & Excavation																																																				
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along western boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	227	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	340	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.2 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	19				20				21				22				23				24				25				26				27				28				29				30				31	
			(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 65dB(A) during 1900-2300																																																				
F80	F83	Dredging for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																				
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	311	0.9	57	57	57	57	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate). for Northern Reclamation	311	0.9	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking) for Northern Reclamation	311	0.9	54	54	54	54	54	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate). for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																					
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	311	0.9	54	54	54	54	54	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	311	0.9	55	55	55	55	55	55	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	311	0.9	55	55	55	55	55	55	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	311	0.9	56	56	56	56	56	56	56	56	56	56	56	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																					
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	1060	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	1060	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	1060	3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																					
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																					
K122	K133	Housing foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																					
L124	L135	Theme Park Gateway - foundations	380	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	380	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	230	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	870	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	1159	3.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	1159	3.2	45	45	45	45	45	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	1765	4.9	0	0	0	0	45	45	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	1765	4.9	0	0	0	0	0	40	40	40	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																					
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																					
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																					
O	N	Reclamation & Excavation																																																					
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																				

Table C3c.2 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction

NSR: Luk Keng Tsuen

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19 01/	19 04/	19 07/	19 10/	20 01/	20 04/	20 07/	20 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/
		Evening Time Criterion = 65dB(A) during 1900-2300																																																			
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**																																																		
Q152	P169	Installation of Utilities / Services I.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																																	
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																																	
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48
S162	S181	Cross boundary Ferry Pier 2 building foundations	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	900	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	51	0	0	0
T	T	**Penny's Bay Rail Link**																																																
		Yam O Station & Adjacent Section																																																
T164	T183	Foundation (concreting)	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	498	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																
T169	T188	Excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																
T174	T193	Works at tunnel portal	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																															
T177	T195	Surface drainage construction including pumps to control water	632	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	632	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																															
T179	T197	Excavation	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	2933	8.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																															
T183	B17	Ventilation building foundations	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	838	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain		CKWLR Level			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Overall Level			66	63	63	63	63	63	63	63	63	63	63	63	63	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56	57	50	50	50	50

Table C3c.3 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Siu Ho Wan

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	01 01/ 04/ 07/ 10/	02 01/ 04/ 07/ 10/	03 01/ 04/ 07/ 10/	04 01/ 04/ 07/ 10/	05 01/ 04/ 07/ 10/	06 01/ 04/ 07/ 10/	07 01/ 04/ 07/ 10/	08 01/ 04/ 07/ 10/	09 01/ 04/ 07/ 10/	10 01/ 04/ 07/ 10/	11 01/ 04/ 07/ 10/	12 01/ 04/ 07/ 10/	13 01/ 04/ 07/ 10/	14 01/ 04/ 07/ 10/	15 01/ 04/ 07/ 10/	16 01/ 04/ 07/ 10/	17 01/ 04/ 07/ 10/	18 01/ 04/ 07/ 10/	19 01/
		Evening Time Criterion = 60dB(A) during 1900-2300																							
		Phase 1																							
A	A	Reclamation & Excavation																							
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																							
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																							
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																							
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																							
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																							
F	F	Reclamation & Excavation																							
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Peng Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Peng Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Peng Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Peng Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.3 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Siu Ho Wan

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18				19
			(m)	Absorption, dB(A)	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																																														
F80	F83	Dredging for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	67	67	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	303	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62	62	62	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	69	69	69	68	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61	61	61	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																																															
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking):for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	260	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	59	59	59	59	59	59	59	59	59	59	59	59
H	H	Services Infrastructure																																																																															
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	260	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
H103	H110	Installation of water mains Fresh and Salt including irrigation	260	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	260	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
H105	H112	Installation of Stormwater drainage, open channels plus culverts	260	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58	58	56	58	58	58	58	58	58	58	58	58	58	58	58	58
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																																														
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	250	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																																														
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																																														
K122	K133	Housing foundations	247	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	67	67	67	67	67	0	0	0
K123	K134	Housing superstructure	247	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61	61	61	61	61
L	L	Northshore Development																																																																														
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																																														
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																																														
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																																														
O	N	Reclamation & Excavation																																																																														
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																																													

Table C3c.3 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Siu Ho Wan

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/	19 01/
		Evening Time Criterion = 60dB(A) during 1900-2300		
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure		
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension		
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development		
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link		
		Yam O Station & Adjacent Section		
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)		
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works		
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip		
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section		
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building		
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	68	72	73	71	71	68	64	64	64	69	69	69	69	69	69	66	66	66

Table C3c.3 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restricti

NSR: Siu Ho Wan

ERM No.	SWHK Item No.	Activity	Distance (m)	Atmospheric Absorption, dB(A)				20				21				22				23				24				25				26				27				28				29				30				31	
					04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Evening Time Criterion = 60dB(A) during 1900-2300																																																			
		Phase 1																																																			
A	A	Reclamation & Excavation																																																			
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																			
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																			
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																			
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																			
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																			
F	F	Reclamation & Excavation																																																			
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.3 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restricti

NSR: Siu Ho Wan

ERM No.	SWHK Item No.	Activity	Distance	Atmospheric				20				21				22				23				24				25				26				27				28				29				30				31	
		Evening Time Criterion = 60dB(A) during 1900-2300	(m)	Absorption, dB(A)	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
F60	F83	Dredging for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F84	Placement of seawall for Siu Ho Wan	303	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F85	Filling reclamation for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F86	Surcharge placement for Siu Ho Wan	125	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	260	0.7	59	59	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	260	0.7	65	65	65	56	56	56	56	56	56	56	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	260	0.7	57	57	57	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	260	0.7	57	57	57	57	57	57	57	57	57	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	260	0.7	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	250	0.7	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development		
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development		
K122	K133	Housing foundations	247	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	247	0.7	61	61	61	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development		
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development		
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)		
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3		
O	N	Reclamation & Excavation		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure		

Table C3c.3 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restricti

ERM No.	SWHK Item No.	Activity	NSR: Siu Ho Wan Distance (m)	Atmospheric Absorption, dB(A)	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
					20				21				22				23				24				25				26				27				28				29				30				31	
		Evening Time Criterion = 60dB(A) during 1900-2300																																											
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																																											
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																																											
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																																											
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																																											
		Yam O Station & Adjacent Section																																											
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																										
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																										
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																										
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																										
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																										
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			Overall Level		66	66	66	65	63	63	63	63	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.4 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Tai Ho Housing Development Phase 4

| ERM No | SWHK Item | Activity | Distance (m) | Atmospheric Absorption, dB(A) | 00 01/ | 00 04/ | 00 07/ | 00 10/ | 01 01/ | 01 04/ | 01 07/ | 01 10/ | 02 01/ | 02 04/ | 02 07/ | 02 10/ | 03 01/ | 03 04/ | 03 07/ | 03 10/ | 04 01/ | 04 04/ | 04 07/ | 04 10/ | 05 01/ | 05 04/ | 05 07/ | 05 10/ | 06 01/ | 06 04/ | 06 07/ | 06 10/ | 07 01/ | 07 04/ | 07 07/ | 07 10/ | 08 01/ | 08 04/ | 08 07/ | 08 10/ | 09 01/ | 09 04/ | 09 07/ | 09 10/ | 10 01/ | 10 04/ | 10 07/ | 10 10/ | 11 01/ | 11 04/ | 11 07/ | 11 10/ | 12 01/ | 12 04/ | 12 07/ | 12 10/ | 13 01/ | 13 04/ | 13 07/ | 13 10/ | 14 01/ | 14 04/ | 14 07/ | 14 10/ | 15 01/ | 15 04/ | 15 07/ | 15 10/ | 16 01/ | 16 04/ | 16 07/ | 16 10/ | 17 01/ | 17 04/ | 17 07/ | 17 10/ | 18 01/ | 18 04/ | 18 07/ | 18 10/ |
|---|---|---

Table C3c.4 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Tai Ho Housing Development Phase 4

ERM No	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)
F80	F83	Dredging for Siu Ho Wan	400	1.1
F81	F84	Placement of seawall for Siu Ho Wan	500	1.4
F82	F85	Filling reclamation for Siu Ho Wan	400	1.1
F83	F86	Surcharge placement for Siu Ho Wan	400	1.1
G	G	Transport Infrastructure		
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	720	2.0
H	H	Services Infrastructure		
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	720	2.0
H103	H110	Installation of water mains Fresh and Salt including irrigation	720	2.0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	720	2.0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	720	2.0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0
I	I	GIC Sites		
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0
I113	I120	Schools at Siu Ho Wan	680	1.9
I114	I121	Police station in Northshore	N/A	0.0
I115	I122	Fire station in Northshore	N/A	0.0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0
J	J	Theme Park Development		
J117	J124	Theme Park building / attraction foundations	N/A	0.0
J118	J125	Theme Park building / attraction construction	N/A	0.0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0
J120	J131	Hotels foundations	N/A	0.0
J121	J132	Hotels superstructure	N/A	0.0
K	K	Siu Ho Wan Development		
K122	K133	Housing foundations	400	1.1
K123	K134	Housing superstructure	400	1.1
L	L	Northshore Development		
L124	L135	Theme Park Gateway - foundations	N/A	0.0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0
L133	L144	Technodrome - foundations	N/A	0.0
L134	L145	Technodrome - superstructure	N/A	0.0
M		Eastern Development		
M135		Recreational Tourism development - Foundations	N/A	0.0
M136		Recreational Tourism development - Superstructure	N/A	0.0
N		Theme Park Development - Theme Park Extension (WDI's Option)		
N137		Theme Park Extension - foundations	N/A	0.0
N138		Theme Park Extension - superstructure	N/A	0.0
N139		RD&E Foundations	N/A	0.0
N140		RD&E Superstructure	N/A	0.0
		Phase 3		
O	N	Reclamation & Excavation		
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0
O145	N158	Dredging at Theme Park Extension	N/A	0.0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0
O147	N160	Filling at Theme Park Extension	N/A	0.0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0
P		Transport Infrastructure		

ERM No	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/
F80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/
F80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	53	53	53	53	53	53	53	53	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/
F80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	57
F81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57
F82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ERM No	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/
F80	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	57	57	57	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0	0
F83	0	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0
G84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	0	0	0	0	53	53	53	53	53	53	53	53	53	53	53	53
H102	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45
H103	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46
H104	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
H105	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
H106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I109	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K122	0	0	0	0	0	0	0	0	62	62	62	62	62	62	0	0
K123	0	0	0	0	0	0	0	0	0	0	0	58	56	56	56	56
L124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.4 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Tai Ho Housing Development Phase 4

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18			
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10 HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10 HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**																																																																										
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																																																											
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																																																											
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																																																												
		Yam O Station & Adjacent Section																																																																													
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																																													
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																																													
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B16	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																																													
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																																													
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																																													
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57	60	63	63	62	60	57	58	56	58	63	63	63	64	64	64	59	59

NB. "N/A" represents the sight line is screened by terrain

Table C3c.4 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction o

NSR: Tai Ho Housing D

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19 01/	04/	07/	10/	20 01/	04/	07/	10/	21 01/	04/	07/	10/	22 01/	04/	07/	10/	23 01/	04/	07/	10/	24 01/	04/	07/	10/	25 01/	04/	07/	10/	26 01/	04/	07/	10/	27 01/	04/	07/	10/	28 01/	04/	07/	10/	29 01/	04/	07/	10/	30 01/	04/	07/	10/	31 01/	04/
		Phase 1																																																				
A	A	Reclamation & Excavation																																																				
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition, part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to tie in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PT1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																				
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking):Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																			
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to tie into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																			
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (Including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Peng Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																			
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and Insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																			
F	F	Reclamation & Excavation																																																			
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.4 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction o

NSR: Tai Ho Housing D

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19 01/	19 04/	19 07/	19 10/	20 01/	20 04/	20 07/	20 10/	21 01/	21 04/	21 07/	21 10/	22 01/	22 04/	22 07/	22 10/	23 01/	23 04/	23 07/	23 10/	24 01/	24 04/	24 07/	24 10/	25 01/	25 04/	25 07/	25 10/	26 01/	26 04/	26 07/	26 10/	27 01/	27 04/	27 07/	27 10/	28 01/	28 04/	28 07/	28 10/	29 01/	29 04/	29 07/	29 10/	30 01/	30 04/	30 07/	30 10/	31 01/	31 04/
F80	F83	Dredging for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	500	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																					
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	720	2.0	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																					
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	720	2.0	45	45	45	45	45	45	45	45	45	45	45	45	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including Irrigation	720	2.0	46	46	46	46	46	46	46	46	46	46	46	46	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	720	2.0	47	47	47	47	47	47	47	47	47	47	47	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	720	2.0	46	46	46	46	46	46	46	46	46	46	46	46	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																				
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	680	1.9	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																					
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																					
K122	K133	Housing foundations	400	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	400	1.1	56	56	56	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																					
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																					
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																					
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																					
O	N	Reclamation & Excavation																																																					
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																					

Table C3c.4 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction o

NSR: Tai Ho Housing D

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19 01/	04/	07/	10/	20 01/	04/	07/	10/	21 01/	04/	07/	10/	22 01/	04/	07/	10/	23 01/	04/	07/	10/	24 01/	04/	07/	10/	25 01/	04/	07/	10/	26 01/	04/	07/	10/	27 01/	04/	07/	10/	28 01/	04/	07/	10/	29 01/	04/	07/	10/	30 01/	04/	07/	10/	31 01/	04/
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10 HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	**Services Infrastructure**																																																					
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	**Theme Park Development - Theme Park Extension**																																																				
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	**Northshore Development**																																																				
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	**Penny's Bay Rail Link**																																																				
		Yam O Station & Adjacent Section																																																			
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																			
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																			
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																			
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																		
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																			
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			Overall Level		59	59	59	59	58	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.5 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Tai Ho School

| ERM No. | SWHK Item | Activity | Distance (m) | Atmospheric Absorption, dB(A) | 00 01/ | 00 04/ | 00 07/ | 00 10/ | 01 01/ | 01 04/ | 01 07/ | 01 10/ | 02 01/ | 02 04/ | 02 07/ | 02 10/ | 03 01/ | 03 04/ | 03 07/ | 03 10/ | 04 01/ | 04 04/ | 04 07/ | 04 10/ | 05 01/ | 05 04/ | 05 07/ | 05 10/ | 06 01/ | 06 04/ | 06 07/ | 06 10/ | 07 01/ | 07 04/ | 07 07/ | 07 10/ | 08 01/ | 08 04/ | 08 07/ | 08 10/ | 09 01/ | 09 04/ | 09 07/ | 09 10/ | 10 01/ | 10 04/ | 10 07/ | 10 10/ | 11 01/ | 11 04/ | 11 07/ | 11 10/ | 12 01/ | 12 04/ | 12 07/ | 12 10/ | 13 01/ | 13 04/ | 13 07/ | 13 10/ | 14 01/ | 14 04/ | 14 07/ | 14 10/ | 15 01/ | 15 04/ | 15 07/ | 15 10/ | 16 01/ | 16 04/ | 16 07/ | 16 10/ | 17 01/ | 17 04/ | 17 07/ | 17 10/ | 18 01/ | 18 04/ | 18 07/ | 18 10/ |
|---|---|---

Table C3c.5 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Tai Ho School

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00 01/	00 04/	00 07/	00 10/	01 01/	01 04/	01 07/	01 10/	02 01/	02 04/	02 07/	02 10/	03 01/	03 04/	03 07/	03 10/	04 01/	04 04/	04 07/	04 10/	05 01/	05 04/	05 07/	05 10/	06 01/	06 04/	06 07/	06 10/	07 01/	07 04/	07 07/	07 10/	08 01/	08 04/	08 07/	08 10/	09 01/	09 04/	09 07/	09 10/	10 01/	10 04/	10 07/	10 10/	11 01/	11 04/	11 07/	11 10/	12 01/	12 04/	12 07/	12 10/	13 01/	13 04/	13 07/	13 10/	14 01/	14 04/	14 07/	14 10/	15 01/	15 04/	15 07/	15 10/	16 01/	16 04/	16 07/	16 10/	17 01/	17 04/	17 07/	17 10/	18 01/	18 04/	18 07/	18 10/
F80	F83	Dredging for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	60	60	60	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	56	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	62	62	62	62	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																																														
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking) for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	54	54	54	54
H	H	Services Infrastructure																																																																														
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47
H103	H110	Installation of water mains Fresh and Salt including irrigation	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
H105	H112	Installation of Stormwater drainage, open channels plus culverts	605	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																																														
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	593	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																																														
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																																														
K122	K133	Housing foundations	430	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	61	61	61	61	61	0	0
K123	K134	Housing superstructure	430	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	58	58	58	58
L	L	Northshore Development																																																																														
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Taing Chau Teui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																																														
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																																													
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																																														
O	N	Reclamation & Excavation																																																																														
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																																														
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10 HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.5 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction of Plant No.)

NSR: Tai Ho School

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	00				01				02				03				04				05				06				07				08				09				10				11				12				13				14				15				16				17				18			
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/
P151	O167	Road surfacing / construction (elevated section including decking): R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																																																																														
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																																																																														
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																																																																														
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																																																																														
		Yam O Station & Adjacent Section																																																																														
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																																														
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																																														
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																																														
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																																														
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																																															
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N.B. "N/A" represents the sight line is screened by terrain			Overall Level		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	54	54	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	62	65	66	64	63	59	58	58	58	63	63	63	64	64	64	60	60

Table C3c.5 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction o

NSR: Tai Ho School

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19				20				21				22				23				24				25				26				27				28				29				30				31	
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
		Phase 1																																																				
A	A	Reclamation & Excavation																																																				
A1	A1	Slope protection in Penny's Bay West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A2	A2	Dredging at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A3	A3	Placement of seawall at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A4	A4	Filling at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A5	A5	Surcharge at Theme Park Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A6	A6	Demolition. part of Cheoy Lee	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A7	A7	Ground treatment in Cheoy Lee (ground contamination)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A8	A8	Excavation to be in at existing Yam O interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A9	A9	Blasting in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A10	A10	Slope protection in Yam O section	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A11	A11	Slope protection in Penny's Bay North Adjacent to road P2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A12	A12	Dredging sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A13	A13	Placement of sloping seawall at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A14	A14	Filling at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A15	A15	Surcharge at Yam O PTI	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	B	Transport Infrastructure																																																				
B16	B20	Temporary Road Surfacing / Construction at grade : Temporary access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B17	B21	Road structures including (Piling & Foundations plus superstructure) : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B18	B22	Road surfacing / Construction at grade : CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B19	B23	Road surfacing / Construction (elevated section including decking): CKWLR from Yam O to Penny's Bay Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B20	B24	Road structures including (piling & foundations plus superstructure): Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B21	B25	Road surfacing / Construction at grade incl. roadside buffers: Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B22	B26	Road surfacing / Construction (elevated section including decking) Road P2 Northshore Development to Theme Park West	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B23	B27	Road surfacing / Construction at grade incl. roadside buffers: Road D1 Theme Park West Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B24	B28	Road surfacing / Construction at grade: Access Road at Yam O i.e from road P2, to Yam O Rail Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B25	B29	Central pedestrian walkway surfacing / construction: Approx. Middle of proposed park i.e boundary between Phase 1 and Phase 2 expansion	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	C	Services Infrastructure																																																				
C26	C31	Installation of Utilities / Services i.e electricity, gas, telecom etc	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C27	C32	Excavation of lake	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C28	C33	Placement of lake membrane plus associated waterworks to be into (ability to tap from) adjacent drainage system	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C29	C34	Lake de-silting and pumping facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C30	C35	Excavation of proposed reservoirs at Yam O Tuk both Salt and Fresh water (feasibility of siting both these at Yam O Tuk to be investigated) Note outside WD area limits	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C31	C36	Construction of reservoirs plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C32	C37	Landscaping of reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C33	C38	Installation of water mains Fresh and Salt including irrigation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C34	C39	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C35	C40	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	D	GIC Sites																																																				
D36	D41	P.T.I in Yam O Station	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D37	D42	P.T.I in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D38	D43	Public Parking in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D39	D44	Police Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D40	D45	Fire Station in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D41	D46	Utility Yard in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D42	D47	Special Duty Unit Base (including site formation i.e reclamation / seawall construction) located between Siu Ho Wan and Ta Pang Po	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	E	Theme Park Development																																																				
E43	E48	Theme Park building/attraction foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E44	E49	Theme Park building/attraction construction in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E45	E50	Theme Park surfacing, landscaping and berms in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E46	E51	Ferry Pier substructure: piling / foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E47	E52	Ferry Pier superstructure: Precast decking and insitu infill in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E48	E53	Ferry Pier building foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E49	E54	Ferry Pier building superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E50	E55	Hotels foundations in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E51	E56	Hotels superstructure in Penny's Bay Station- Phase 1	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E52		Water Recreation Centre - foundation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E53		Water Recreation Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 2																																																				
F	F	Reclamation & Excavation																																																				
F54	F57	Excavation through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F55	F58	Blasting through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F56	F59	Slope protection through TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F57	F60	Dredging for sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F58	F61	Placement of sloping seawall for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F59	F62	Filling reclamation for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F60	F63	Surcharge placement for platform east of TCT up to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F61	F64	Slope protection along southern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F62	F65	Dredging for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F63	F66	Placement of seawall for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F64	F67	Filling reclamation for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F65	F68	Surcharge placement for Theme Park phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F66	F69	Slope protection along eastern boundary of TCT	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F67	F70	Dredging for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F68	F71	Placement of seawall for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F69	F72	Filling reclamation for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F70	F73	Surcharge placement for Fa Peng	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F71	F74	Dredging for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F72	F75	Placement of seawall for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F73	F76	Filling reclamation for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F74	F77	Surcharge placement for Northshore (Yam O Bay to To Kau Wan)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F75	F78	Dredging for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F76	F79	Placement of seawall for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F77	F80	Filling reclamation for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F78	F81	Surcharge placement for Northshore (Road P1- Siu Ho Wan to Ta Pang Po)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F79	F82	Excavation for tunnels through Yam Tsai headland including boring	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.5 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction o

NSR: Tai Ho School

ERM No.	SWHK Item	Activity	Distance (m)	Atmospheric Absorption, dB(A)	19				20				21				22				23				24				25				26				27				28				29				30				31	
					01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/	07/	10/	01/	04/
F80	F83	Dredging for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F81	F84	Placement of seawall for Siu Ho Wan	530	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F82	F85	Filling reclamation for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
F83	F86	Surcharge placement for Siu Ho Wan	270	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G	G	Transport Infrastructure																																																
G84	G87	Road structures including (piling & foundations plus superstructure) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G85	G88	Road surfacing / construction at grade : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G86	G89	Road surfacing / construction (elevated section including decking) : CKWLR from Penny's Bay Interchange to R10 Toll Plaza	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G87	G90	Road surfacing / construction at grade : Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G88	G91	Road structures including (piling & foundations plus superstructure): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G89	G92	Road surfacing / construction (elevated section including decking): Road P1 - Siu Ho Wan to Yam O	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G90	G95	Yam Tsai headland tunnelling work i.e concrete lining, etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G91	G96	Road surfacing / construction at grade for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G92	G97	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G93	G98	Road surfacing / construction (elevated section including decking): for Northern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G94	G101	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G95	G102	Road surfacing / construction at grade incl. roadside buffers: Road D2 Theme Park East Roundabout to Theme Park	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G96	G103	Road surfacing / construction at grade incl. roadside buffers: Road P2 Theme Park East Roundabout to Pa Kwu Interchange	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G97	G104	Road surfacing / construction at grade for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G98	G105	Road structures including (piling & foundations plus superstructure and submerged sections, where appropriate): for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G99	G106	Road surfacing / construction (elevated section including decking):for Eastern Reclamation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G100	G107	Road surfacing / construction at grade for EVA for Tso Wan Village Expansion and maintenance / operation access to Fa Peng Reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
G101	G108	Road surfacing / construction at grade for Siu Ho Wan Reclamation	605	1.7	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H	H	Services Infrastructure																																																
H102	H109	Installation of Utilities / Services i.e electricity, gas, telecom etc.	605	1.7	47	47	47	47	47	47	47	47	47	47	47	47	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H103	H110	Installation of water mains Fresh and Salt including irrigation	605	1.7	48	48	48	48	48	48	48	48	48	48	48	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H104	H111	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	605	1.7	49	49	49	49	49	49	49	49	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H105	H112	Installation of Stormwater drainage, open channels plus culverts	605	1.7	50	50	50	50	50	50	50	50	50	50	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H106	H113	Excavation of proposed reservoirs at Fa Peng including maintenance and operation access road	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H107	H114	Construction of reservoirs at Fa Peng plus associated facilities	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H108	H115	Landscaping of Fa Peng reservoirs	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I	I	GIC Sites																																																
I109	I116	P.T.I in Penny's Bay Station- Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I110	I117	Public Parking in Penny's Bay -Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I111	I118	2nd Fire Station in Penny's Bay	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I112	I119	Utility Yard in Penny's Bay - Phase 2	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I113	I120	Schools at Siu Ho Wan	593	1.7	54	54	54	54	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I114	I121	Police station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I115	I122	Fire station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I116	I123	LPG/Petrol station in Northshore	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J	J	Theme Park Development																																																
J117	J124	Theme Park building / attraction foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J118	J125	Theme Park building / attraction construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J119	J126	Theme Park surfacing, landscaping and berms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J120	J131	Hotels foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
J121	J132	Hotels superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K	K	Siu Ho Wan Development																																																
K122	K133	Housing foundations	430	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
K123	K134	Housing superstructure	430	1.2	56	56	56	56	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L	L	Northshore Development																																																
L124	L135	Theme Park Gateway - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L125	L136	Theme Park Gateway - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L126	L137	EcoPark incl Tsing Chau Tsui trailwalk - footpath and landscape works	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L127	L138	Cross Boundary Ferry Pier 1 substructure: Piling/Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L128	L139	Cross Boundary Ferry Pier 1 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L129	L140	Cross Boundary Ferry Pier 1 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L130	L141	Cross Boundary Ferry Pier 1 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L131	L142	Tourist & Convention Centre - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L132	L143	Tourist & Convention Centre - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L133	L144	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
L134	L145	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M		Eastern Development																																																
M135		Recreational Tourism development - Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
M136		Recreational Tourism development - Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N		Theme Park Development - Theme Park Extension (WDI's Option)																																																
N137		Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N138		Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N139		RD&E Foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N140		RD&E Superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Phase 3																																																
O	N	Reclamation & Excavation																																																
O141	N154	Dredging for sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O142	N155	Placement of sloping seawall for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O143	N156	Filling reclamation for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O144	N157	Surcharge placement for platform south of TCT up to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O145	N158	Dredging at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O146	N159	Placement of seawall at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O147	N160	Filling at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O148	N161	Surcharge at Theme Park Extension	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P		Transport Infrastructure																																																
P149	O165	Road structures including (piling & foundations plus superstructure): R10 Toll Plaza to R10 HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P150	O166	Road surfacing / construction at grade: R10 Toll Plaza to R10-HKLL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table C3c.5 - Mitigated Noise Levels (w/ Quiet Plant, Barrier and Restriction o

			NSR: Tai Ho School																																																			
		HKL	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q	P	Services Infrastructure																																																			
Q152	P169	Installation of Utilities / Services i.e electricity, gas, telecom etc.	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q153	P170	Installation of water mains Fresh and Salt	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q154	P171	Installation of sewerage mains both gravity and pumped including pumping stations, chambers and wells	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q155	P172	Installation of stormwater drainage, open channels plus culverts	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R	R	Theme Park Development - Theme Park Extension																																																			
R156	R175	Theme Park Extension - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R157	R176	Theme Park Extension - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R158	R177	Technodrome - foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R159	R178	Technodrome - superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S	S	Northshore Development																																																			
S160	S179	Cross boundary Ferry Pier 2 substructure: piling / foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S161	S180	Cross boundary Ferry Pier 2 superstructure: Precast decking and insitu infill	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S162	S181	Cross boundary Ferry Pier 2 building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S163	S182	Cross boundary Ferry Pier 2 building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T	T	Penny's Bay Rail Link																																																			
		Yam O Station & Adjacent Section																																																		
T164	T183	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T165	T184	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T166	T185	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T167	T186	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T168	T187	Sheet piling for protection on existing tracks / platforms	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Portal (Start-up Works)																																																			
T169	T188	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T170	T189	Sheet piling	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T171	T190	Soil nail installation and initial tunnel excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T172	T191	Re-construction of roads	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T173	T192	Mechanical rock excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Tunnel Works																																																			
T174	T193	Works at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T175	T194	Removal of spoil at tunnel portal	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T176	B19	Concrete lining, track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Trackwork, OHL & Trip																																																			
T177	T195	Surface drainage construction including pumps to control water	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T178	T196	Track laying	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Disney Station & Open Cut Section																																																			
T179	T197	Excavation	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T180	T198	Foundation (concreting)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T181	T199	Foundation (formwork & reinforcement)	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T182	T200	Station construction	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Ventilation Building																																																			
T183	B17	Ventilation building foundations	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
T184	B18	Ventilation building superstructure	N/A	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NB. "N/A" represents the sight line is screened by terrain			Overall Level		60	60	60	60	55	55	55	55	55	55	55	55	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0