



Appendix 4-2a

Plant Inventory (Unmitigated Scenario)

Appendix 4-2a Plant Inventory (Unmitigated Scenario)

PME	TM or other reference	No. of PME	SWL/ PME, dB(A)	Total SWL, dB(A)	% on time	% on time Corr., dB(A)	Barrier/ Enclosure Corr., dB(A)	Sub-total SWL, dB(A)
Works Type 1 - Widening of the Existing Drainage Channel at Sung Shan New Village								
Stage 1 - Excavation								
Excavator/ loader, wheeled/ tracked	CNP081	2	112	115	100%	0.0	0.0	115
Dump truck	OCUPME-038	1	105	105	20%	-7.0	0.0	98
							Total SWL, dB(A)	115
Stage 2 - Formwork and Reinforcement								
Bar bender and cutter (electric)	CNP021	2	90	93	100%	0.0	0.0	93
Generator, standard	CNP101	1	108	108	100%	0.0	0.0	108
Crane, mobile/ barge mounted (diesel)	CNP048	1	112	112	20%	-7.0	0.0	105
Jig-saw, hand-held, wood (electric)	OCUPME-017 [2]	1	99	99	20%	-7.0	0.0	92
Lorry	OCUPME-033 [5]	1	105	105	20%	-7.0	0.0	98
							Total SWL, dB(A)	110
Remark: Stage 1 and Stage 2 will not be undertaken concurrently at the same active works area.								

PME	TM or other reference	No. of PME	SWL/ PME, dB(A)	Total SWL, dB(A)	% on time	% on time Corr., dB(A)	Barrier/ Enclosure Corr., dB(A)	Sub-total SWL, dB(A)
Works Type 2 – Construction of drainage channel at Tai Wo								
Stage 1 - Excavation								
Excavator/ loader, wheeled/ tracked	CNP081	2	112	115	100%	0.0	0.0	115
Dump truck	OCUPME-038	1	105	105	20%	-7.0	0.0	98
							Total SWL, dB(A)	115
Stage 2 - Formwork and Reinforcement								
Bar bender and cutter (electric)	CNP021	2	90	93	100%	0.0	0.0	93
Generator, standard	CNP101	1	108	108	100%	0.0	0.0	108
Crane, mobile/ barge mounted (diesel)	CNP048	1	112	112	20%	-7.0	0.0	105
Jig-saw, hand-held, wood (electric)	OCUPME-017 [2]	1	99	99	20%	-7.0	0.0	92
Lorry	OCUPME-033 [5]	1	105	105	20%	-7.0	0.0	98
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Works Type 3 - Widening of the existing drainage channel and construction of a new drainage pipe at Lin Fa Tei								
Stage 1 - Excavation								
Excavator/ loader, wheeled/ tracked	CNP081	2	112	115	100%	0.0	0.0	115
Dump truck	OCUPME-038	1	105	105	20%	-7.0	0.0	98
							Total SWL, dB(A)	115
Stage 2 - Formwork and Reinforcement								
Bar bender and cutter (electric)	CNP021	2	90	93	100%	0.0	0.0	93
Generator, standard	CNP101	1	108	108	100%	0.0	0.0	108
Crane, mobile/ barge mounted (diesel)	CNP048	1	112	112	20%	-7.0	0.0	105
Jig-saw, hand-held, wood (electric)	OCUPME-017 [2]	1	99	99	20%	-7.0	0.0	92
Lorry	OCUPME-033 [5]	1	105	105	20%	-7.0	0.0	98
							Total SWL, dB(A)	110
Remark: Stage 1 and Stage 2 will not be undertaken concurrently at the same active works area.								

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Works Type 4 - Widening of the existing drainage channel and construction of a new drainage pipe at Ha Che								
Stage 1 - Excavation								
Excavator/ loader, wheeled/ tracked	CNP081	2	112	115	100%	0.0	0.0	115
Dump truck	OCUPME-038	1	105	105	20%	-7.0	0.0	98
							Total SWL, dB(A)	115
Stage 2 - Formwork and Reinforcement								
Bar bender and cutter (electric)	CNP021	2	90	93	100%	0.0	0.0	93
Generator, standard	CNP101	1	108	108	100%	0.0	0.0	108
Crane, mobile/ barge mounted (diesel)	CNP048	1	112	112	20%	-7.0	0.0	105
Jig-saw, hand-held, wood (electric)	OCUPME-017 [2]	1	99	99	20%	-7.0	0.0	92
Lorry	OCUPME-033 [5]	1	105	105	20%	-7.0	0.0	98
							Total SWL, dB(A)	110
Remark: Stage 1 and Stage 2 will not be undertaken concurrently at the same active works area.								