



Appendix 4-3a

Plant Inventory (Mitigated Scenario)

Appendix 4-3a Plant Inventory (Mitigated 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, wheeled/tracked	EPD-07033 [2]	2	91	94	100%	0.0	-5.0	89
Dump truck (5.5 tonne < Gross vehicle weight <= 38 tonne)	OCUPME-038 [3]	1	105	105	20%	-7.0	-5.0	93
Total SWL, dB(A)								94
Stage 2 - Formwork and Reinforcement								
Bar bender and cutter (electric)	CNP021	2	90	93	100%	0.0	-10.0	83
Generator	EPD-06600 [2]	1	90	90	100%	0.0	-10.0	80
Crane, mobile	EPD-06243 [2]	1	92	92	20%	-7.0	-5.0	80
Jig-saw, hand-held, wood (electric)	OCUPME-017 [4]	1	99	99	20%	-7.0	-10.0	82
Lorry (5.5 tonne < Gross vehicle weight <= 38 tonne)	OCUPME-033 [5]	1	105	105	20%	-7.0	-5.0	93
Total SWL, dB(A)								94
<p>[1] PME is for reference only, contractor(s) can use other brands or series of this kind of PME with same or lower SWL. [2] Quality Powered Mechanical Equipment (QPME) ID Code by EPD [3] Sound Power Levels are referred to "Sound Power Levels of other commonly use PME" published by EPD, identification code 38 [4] Sound Power Levels are referred to "Sound Power Levels of other commonly use PME" published by EPD, identification code 17 [5] Sound Power Levels are referred to "Sound Power Levels of other commonly use PME" published by EPD, identification code 33 Remark: Stage 1 and Stage 2 will not be undertaken concurrently at the same active works area.</p>								

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 - Widening of the Existing Drainage Channel at Tai Wo								
Stage 1 - Excavation								
Excavator, wheeled/tracked	EPD-07033 [2]	2	91	94	100%	0.0	-5.0	89
Dump truck (5.5 tonne < Gross vehicle weight <= 38 tonne)	OCUPME-038 [3]	1	105	105	20%	-7.0	-5.0	93
Total SWL, dB(A)								94
Stage 2 - Formwork and Reinforcement								
Bar bender and cutter (electric)	CNP021	2	90	93	100%	0.0	-10.0	83
Generator	EPD-06600 [2]	1	90	90	100%	0.0	-10.0	80
Crane, mobile	EPD-06243 [2]	1	92	92	20%	-7.0	-5.0	80
Jig-saw, hand-held, wood (electric)	OCUPME-017 [4]	1	99	99	20%	-7.0	-10.0	82
Lorry (5.5 tonne < Gross vehicle weight <= 38 tonne)	OCUPME-033 [5]	1	105	105	20%	-7.0	-5.0	93
Total SWL, dB(A)								94
<p>[1] PME is for reference only, contractor(s) can use other brands or series of this kind of PME with same or lower SWL. [2] Quality Powered Mechanical Equipment (QPME) ID Code by EPD [3] Sound Power Levels are referred to "Sound Power Levels of other commonly use PME" published by EPD, identification code 38 [4] Sound Power Levels are referred to "Sound Power Levels of other commonly use PME" published by EPD, identification code 17 [5] Sound Power Levels are referred to "Sound Power Levels of other commonly use PME" published by EPD, identification code 33 Remark: Stage 1 and Stage 2 will not be undertaken concurrently at the same active works area.</p>								

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 3 - Widening of the Existing Drainage Channel at Lin Fa Tei								
Stage 1 - Excavation								
Excavator, wheeled/tracked	EPD-07033 [2]	2	91	94	100%	0.0	-5.0	89
Dump truck (5.5 tonne < Gross vehicle weight <= 38 tonne)	OCUPME-038 [3]	1	105	105	20%	-7.0	-5.0	93
Total SWL, dB(A)								94
Stage 2 - Formwork and Reinforcement								
Bar bender and cutter (electric)	CNP021	2	90	93	100%	0.0	-10.0	83
Generator	EPD-06600 [2]	1	90	90	100%	0.0	-10.0	80
Crane, mobile	EPD-06243 [2]	1	92	92	20%	-7.0	-5.0	80
Jig-saw, hand-held, wood (electric)	OCUPME-017 [4]	1	99	99	20%	-7.0	-10.0	82
Lorry (5.5 tonne < Gross vehicle weight <= 38 tonne)	OCUPME-033 [5]	1	105	105	20%	-7.0	-5.0	93
Total SWL, dB(A)								94
<p>[1] PME is for reference only, contractor(s) can use other brands or series of this kind of PME with same or lower SWL. [2] Quality Powered Mechanical Equipment (QPME) ID Code by EPD [3] Sound Power Levels are referred to "Sound Power Levels of other commonly use PME" published by EPD, identification code 38 [4] Sound Power Levels are referred to "Sound Power Levels of other commonly use PME" published by EPD, identification code 17 [5] Sound Power Levels are referred to "Sound Power Levels of other commonly use PME" published by EPD, identification code 33 Remark: Stage 1 and Stage 2 will not be undertaken concurrently at the same active works area.</p>								

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 4 - Widening of the existing drainage channel and construction of a new drainage pipe at Ha Che								
Stage 1 - Excavation								
Excavator, wheeled/tracked	EPD-07033 [2]	2	91	94	100%	0.0	-5.0	89
Dump truck (5.5 tonne < Gross vehicle weight <= 38 tonne)	OCUPME-038 [3]	1	105	105	20%	-7.0	-5.0	93
Total SWL, dB(A)								94
Stage 2 - Formwork and Reinforcement								
Bar bender and cutter (electric)	CNP021	2	90	93	100%	0.0	-10.0	83
Generator	EPD-06600 [2]	1	90	90	100%	0.0	-10.0	80
Crane, mobile	EPD-06243 [2]	1	92	92	20%	-7.0	-5.0	80
Jig-saw, hand-held, wood (electric)	OCUPME-017 [4]	1	99	99	20%	-7.0	-10.0	82
Lorry (5.5 tonne < Gross vehicle weight <= 38 tonne)	OCUPME-033 [5]	1	105	105	20%	-7.0	-5.0	93
Total SWL, dB(A)								94
<p>[1] PME is for reference only, contractor(s) can use other brands or series of this kind of PME with same or lower SWL. [2] Quality Powered Mechanical Equipment (QPME) ID Code by EPD [3] Sound Power Levels are referred to "Sound Power Levels of other commonly use PME" published by EPD, identification code 38 [4] Sound Power Levels are referred to "Sound Power Levels of other commonly use PME" published by EPD, identification code 17 [5] Sound Power Levels are referred to "Sound Power Levels of other commonly use PME" published by EPD, identification code 33 Remark: Stage 1 and Stage 2 will not be undertaken concurrently at the same active works area.</p>								