

4.3
PME Inventory

Area	Construction Activity	PME Group ^[1]	Unmitigated Scenario							
			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
All Work Area	2) Tree Felling and/or Site Clearance		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	80%	108	107	118	118
			Excavator, mini-robot mounted	OCUPME-016	1	80%	94	93		
			Saw, chain, hand-held	CNP 202	1	80%	114	113		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	50%	112	109		
			Dump truck	CNP 067	1	50%	117	114		
3	3) Lift Shaft and Staircases (near San Wan Road)									
	3a - Predrilling		Drill rig, rotary type (diesel)	OCUPME-015	1	100%	110	110	110	110
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	50%	100	97		
			Water pump (electric)	CNP 281	1	50%	88	85		
			Grout mixer	OCUPME-021	1	50%	90	87		
	3b - UU Diversion		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	80%	108	110	118	118
			Excavator/ loader, wheeled/ tracked	CNP 081	1	80%	112	111		
			Saw, circular, wood	CNP 201	1	50%	108	105		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Water pump (electric)	CNP 281	1	80%	88	87		
			Grout mixer	OCUPME-021	1	80%	90	89		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	50%	112	109		
			Dump truck	CNP 067	1	50%	117	114		
	3c - Piling		Air Compressor	EPD-07503	1	80%	92	91	118	118
			Piling, large diameter bored, reverse circulation drill	CNP 166	1	80%	100	99		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	80%	112	111		
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	50%	108	105		
			Excavator/ loader, wheeled/ tracked	CNP 081	1	50%	112	109		
			Concrete lorry mixer	CNP 044	1	80%	109	108		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Water pump (electric)	CNP 281	1	80%	88	87		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	80%	109	108		
			Grout mixer	OCUPME-021	1	80%	90	89		
			Dump truck	CNP 067	1	50%	117	114		
	3d - ELS		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	70%	108	106	116	116
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	3e - Pile Caps		Concrete lorry mixer	CNP 044	1	70%	109	107	118	118
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	70%	100	98		
			Water pump (electric)	CNP 281	1	70%	88	86		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		

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Area	Construction Activity	PME Group ^[1]	Unmitigated Scenario							
			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
			Poker, vibratory, hand-held (electric)	OCUPME-027	2	70%	102	103		
			Grout mixer	OCUPME-021	1	70%	90	88		
			Bar bender and cutter (electric)	CNP 021	1	70%	90	88		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110		
			Dump truck	CNP 067	1	70%	117	115		
	3f - Superstructure		Concrete lorry mixer	CNP 044	1	70%	109	107	118	118
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	70%	100	98		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	70%	90	88		
			Bar bender and cutter (electric)	CNP 021	1	70%	90	88		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110		
			Dump truck	CNP 067	1	70%	117	115		
	3g(i) - Lift & E&M Installation		Concrete lorry mixer	CNP 044	1	70%	109	107	118	118
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	70%	100	98		
			Water pump (electric)	CNP 281	1	70%	88	86		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Grout mixer	OCUPME-021	1	70%	90	88		
			Bar bender and cutter (electric)	CNP 021	1	70%	90	88		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110		
			Dump truck	CNP 067	1	70%	117	115		
	3g(ii) - ABWF Works		Dump truck	CNP 067	1	100%	117	117	117	117
	3g(iii) - Connection Works with Existing So Kwun Po Road (SKPR)		Concrete lorry mixer	CNP 044	1	70%	109	107	111	111
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	70%	100	98		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Grout mixer	OCUPME-021	1	70%	90	88		
			Bar bender and cutter (electric)	CNP 021	1	50%	90	87		
4	4) Reprovision of Skating Rink		Dump truck	CNP 067	1	70%	117	115	117	117
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	50%	108	105		
			Compactor, vibratory	CNP 050	1	50%	105	102		
			Excavator/ loader, wheeled/ tracked	CNP 081	1	50%	112	109		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	50%	100	97		
			Paint line marker	CNP 161	1	50%	90	87		
5	5) Reprovision of Footpath & Cycling Track									
	5a - Site Clearance & Site Formation		Dump truck	CNP 067	1	70%	117	115	117	117
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	50%	108	105		

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			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
			Compactor, vibratory	CNP 050	1	50%	105	102		
			Excavator/ loader, wheeled/ tracked	CNP 081	1	80%	112	111		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
	5b - Construction of Footpath & Cycling Track		Concrete lorry mixer	CNP 044	1	70%	109	107	111	111
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Paint line marker	CNP 161	1	70%	90	88		
6b	6b - Box Culvert Section near North District Park (NDP)									
	(i) ELS		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(ii) Temp. Drainage Diversion & Reconstruction of Box Culvert		Excavator/ loader, wheeled/ tracked	CNP 081	2	60%	112	113	118	118
			Dump truck	CNP 067	1	50%	117	114		
			Concrete lorry mixer	CNP 044	1	70%	109	107		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
6c	6c - Box Culvert Section near San Wan Road (SWR)									
	(i) ELS		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	70%	108	106	116	116
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(ii) Temp. Drainage Diversion & Reconstruction of Box Culvert		Excavator/ loader, wheeled/ tracked	CNP 081	2	60%	112	113	118	118
			Dump truck	CNP 067	1	50%	117	114		
			Concrete lorry mixer	CNP 044	1	70%	109	107		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
7a	7) At-grade Road Construction (Northern Portion)									
	7a - Retaining Wall Portion and Road Construction									
	(i) UU Diversion		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	80%	108	110	118	118
			Excavator/ loader, wheeled/ tracked	CNP 081	1	80%	112	111		
			Saw, circular, wood	CNP 201	1	50%	108	105		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Water pump (electric)	CNP 281	1	80%	88	87		

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Area	Construction Activity	PME Group ^[1]	Unmitigated Scenario							
			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
			Grout mixer	OCUPME-021	1	80%	90	89		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	50%	112	109		
			Dump truck	CNP 067	1	50%	117	114		
	(ii) ELS		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(iii) Construction of Retaining Wall		Concrete lorry mixer	CNP 044	1	70%	109	107	116	116
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Bar bender and cutter (electric)	CNP 021	1	50%	90	87		
			Dump truck	CNP 067	1	50%	117	114		
	(iv) Street Furniture, Road Surfacing & Road Marking		Dump truck	CNP 067	1	80%	117	116	117	117
			Asphalt paver	CNP 004	1	50%	109	106		
			Roller, vibratory	CNP 186	1	70%	108	106		
			Paint line marker	CNP 161	1	70%	90	88		
7b	7b - Retaining Wall Portion and Road Construction (i) UU Diversion		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	80%	108	110	114	114
			Excavator/ loader, wheeled/ tracked	CNP 081	1	80%	112	111		
			Saw, circular, wood	CNP 201	1	50%	108	105		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Water pump (electric)	CNP 281	1	80%	88	87		
			Grout mixer	OCUPME-021	1	80%	90	89		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	50%	112	109		
			Dump truck	CNP 067	1	50%	117	114		
	(ii) ELS		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(iii) Construction of Retaining Wall		Concrete lorry mixer	CNP 044	1	70%	109	107	116	116
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Bar bender and cutter (electric)	CNP 021	1	50%	90	87		
			Dump truck	CNP 067	1	50%	117	114		
	(iv) Street Furniture, Road Surfacing & Road Marking		Dump truck	CNP 067	1	80%	117	116	117	117
			Asphalt paver	CNP 004	1	50%	109	106		

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			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
			Roller, vibratory	CNP 186	1	70%	108	106		
			Paint line marker	CNP 161	1	70%	90	88		
7c	7c - Subway Construction under SKPR and Road Re-construction at SKPR (i) ELS		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(ii) Predrilling for Subway Construction		Drill rig, rotary type (diesel)	OCUPME-015	1	100%	110	110	110	110
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	50%	100	97		
			Water pump (electric)	CNP 281	1	50%	88	85		
			Grout mixer	OCUPME-021	1	50%	90	87		
	(iii) Piling for Subway Construction (Phase 1)		Air Compressor	EPD-07503	1	80%	92	91	118	118
			Piling, large diameter bored, reverse circulation drill	CNP 166	1	80%	100	99		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	80%	112	111		
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	50%	108	105		
			Excavator/ loader, wheeled/ tracked	CNP 081	1	50%	112	109		
			Concrete lorry mixer	CNP 044	1	80%	109	108		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Water pump (electric)	CNP 281	1	80%	88	87		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	80%	109	108		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	80%	90	89		
			Dump truck	CNP 067	1	50%	117	114		
	(iv) Piling for Subway Construction (Phase 2)		Air Compressor	EPD-07503	1	80%	92	91	118	118
			Piling, large diameter bored, reverse circulation drill	CNP 166	1	80%	100	99		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	80%	112	111		
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	50%	108	105		
			Excavator/ loader, wheeled/ tracked	CNP 081	1	50%	112	109		
			Concrete lorry mixer	CNP 044	1	80%	109	108		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Water pump (electric)	CNP 281	1	80%	88	87		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	80%	109	108		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	80%	90	89		
			Dump truck	CNP 067	1	50%	117	114		
	(v) Subway Construction		Crane, mobile/ barge mounted (diesel)	CNP 048	1	80%	112	111	117	117
			Concrete lorry mixer	CNP 044	1	80%	109	108		

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			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
			Concrete pump, stationary/ lorry mounted	CNP 047	1	80%	109	108		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Dump truck	CNP 067	1	50%	117	114		
	(vi) Backfilling to Final Road Level of SKPR		Excavator/ loader, wheeled/ tracked	CNP 081	1	100%	112	112	112	112
			Compactor, vibratory	CNP 050	1	50%	105	102		
	(vii) Street Furniture, Road Surfacing & Road Marking		Dump truck	CNP 067	1	80%	117	116	117	117
			Asphalt paver	CNP 004	1	50%	109	106		
			Roller, vibratory	CNP 186	1	70%	108	106		
			Paint line marker	CNP 161	1	70%	90	88		
8	8) So Kwun Po Link (SKPL) (Bridge Portion) (i) Predrilling		Drill rig, rotary type (diesel)	OCUPME-015	2	100%	110	113	113	113
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	2	50%	100	100		
			Water pump (electric)	CNP 281	2	50%	88	88		
			Grout mixer	OCUPME-021	2	50%	90	90		
	(ii) Piling (Phase 1)	General	Air Compressor	EPD-07503	2	80%	92	94	116	120
		General	Piling, large diameter bored, reverse circulation drill	CNP 166	1	80%	100	99	(General)	
		General	Crane, mobile/ barge mounted (diesel)	CNP 048	2	80%	112	114		
		General	Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	80%	108	110		
		A	Excavator, mini-robot mounted	OCUPME-016	1	80%	94	93	117	
		A	Concrete lorry mixer	CNP 044	2	50%	109	109	(General + Group A)	
		A	Generator, silenced, 75 dB(A) at 7 m	CNP 102	2	50%	100	100		
		B	Concrete pump, stationary/ lorry mounted	CNP 047	1	80%	109	108	120	
		B	Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100	(General + Group B)	
		B	Grout mixer	OCUPME-021	2	80%	90	92		
		B	Dump truck	CNP 067	2	50%	117	117		
	(iii) Piling (Phase 2)	General	Air Compressor	EPD-07503	2	80%	92	94	116	120
		General	Piling, large diameter bored, reverse circulation drill	CNP 166	1	80%	100	99	(General)	
		General	Crane, mobile/ barge mounted (diesel)	CNP 048	2	80%	112	114		
		General	Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	80%	108	110		
		A	Excavator, mini-robot mounted	OCUPME-016	1	80%	94	93	117	
		A	Concrete lorry mixer	CNP 044	2	50%	109	109	(General + Group A)	
		A	Generator, silenced, 75 dB(A) at 7 m	CNP 102	2	50%	100	100		
		B	Concrete pump, stationary/ lorry mounted	CNP 047	1	80%	109	108	120	
		B	Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100	(General + Group B)	
		B	Grout mixer	OCUPME-021	2	80%	90	92		
		B	Dump truck	CNP 067	2	50%	117	117		
	(iv) ELS		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117

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			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(v) Pile Caps		Concrete lorry mixer	CNP 044	2	70%	109	110	121	121
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	2	70%	100	101		
			Water pump (electric)	CNP 281	1	70%	88	86		
			Concrete pump, stationary/ lorry mounted	CNP 047	2	70%	109	110		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	2	70%	90	91		
			Bar bender and cutter (electric)	CNP 021	1	70%	90	88		
			Crane, mobile/ barge mounted (diesel)	CNP 048	2	70%	112	113		
			Dump truck	CNP 067	2	70%	117	118		
	(vi) Abutment & Piers		Concrete lorry mixer	CNP 044	1	70%	109	107	118	118
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	70%	100	98		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	30%	90	85		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110		
			Dump truck	CNP 067	1	70%	117	115		
	(vii) Bridge Deck		Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110	114	114
			Concrete lorry mixer	CNP 044	1	70%	109	107		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
	(viii) Street Furniture, Road Surfacing & Road Marking		Dump truck	CNP 067	1	80%	117	116	117	117
			Asphalt paver	CNP 004	1	50%	109	106		
			Roller, vibratory	CNP 186	1	70%	108	106		
			Paint line marker	CNP 161	1	70%	90	88		
9	9) At-grade Road Construction (Southern Portion)									
	Slip Road between Fanling Highway & Pak Wo Road									
	9a - Retaining Wall Portion									
9a	(i) UU Diversion		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	80%	108	110	118	118
			Excavator/ loader, wheeled/ tracked	CNP 081	1	80%	112	111		
			Saw, circular, wood	CNP 201	1	50%	108	105		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Water pump (electric)	CNP 281	1	80%	88	87		
			Grout mixer	OCUPME-021	1	80%	90	89		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	50%	112	109		

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Area	Construction Activity	PME Group ^[1]	Unmitigated Scenario							
			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
			Dump truck	CNP 067	1	50%	117	114		
	(ii) ELS		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(iii) Construction of Retaining Wall		Concrete lorry mixer	CNP 044	1	70%	109	107	116	116
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Bar bender and cutter (electric)	CNP 021	1	50%	90	87		
			Dump truck	CNP 067	1	50%	117	114		
	(iv) Street Furniture, Road Surfacing & Road Marking		Dump truck	CNP 067	1	80%	117	116	117	117
			Asphalt paver	CNP 004	1	50%	109	106		
			Roller, vibratory	CNP 186	1	70%	108	106		
			Paint line marker	CNP 161	1	70%	90	88		
9b	9b - Elevated Road Portion (Stage 1) (i) Predrilling (for Portals PC1-8, PC1-9 and PC1-10)		Drill rig, rotary type (diesel)	OCUPME-015	1	100%	110	110	110	110
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	50%	100	97		
			Water pump (electric)	CNP 281	1	50%	88	85		
			Grout mixer	OCUPME-021	1	50%	90	87		
	(ii) Piling (for Portals PC1-8, PC1-9 and PC1-10)		Air Compressor	EPD-07503	1	80%	92	91	118	118
			Piling, large diameter bored, reverse circulation drill	CNP 166	1	80%	100	99		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	80%	112	111		
			Excavator/ loader, wheeled/ tracked	CNP 081	1	50%	112	109		
			Concrete lorry mixer	CNP 044	1	80%	109	108		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	80%	109	108		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	80%	90	89		
			Dump truck	CNP 067	1	50%	117	114		
	(iii) ELS (for Portals PC1-8, PC1-9 and PC1-10)		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(iv) Pile Caps & Portals (for Portals PC1-8, PC1-9 and PC1-10)		Concrete lorry mixer	CNP 044	1	70%	109	107	118	118
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	70%	100	98		
			Water pump (electric)	CNP 281	1	70%	88	86		

4.3
PME Inventory

Area	Construction Activity	PME Group ^[1]	Unmitigated Scenario							
			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	70%	90	88		
			Bar bender and cutter (electric)	CNP 021	1	70%	90	88		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110		
			Dump truck	CNP 067	1	70%	117	115		
	(v) Bridge Deck between Portals PC1-8, PC1-9 and PC1-10		Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110	117	117
			Concrete lorry mixer	CNP 044	1	70%	109	107		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Dump truck	CNP 067	1	50%	117	114		
	(vi) Street Furniture, Road Surfacing & Road Marking		Dump truck	CNP 067	1	80%	117	116	117	117
			Asphalt paver	CNP 004	1	50%	109	106		
			Roller, vibratory	CNP 186	1	70%	108	106		
			Paint line marker	CNP 161	1	70%	90	88		
9c	9c - Elevated Road Portion (Stage 2) (i) Partial Demolition of Existing SKPR Bridge		Breaker, excavator mounted (pneumatic)	CNP 027	1	100%	122	122	122	122
	(ii) Predrilling (for Portals PC1-6 and PC1-7)		Drill rig, rotary type (diesel)	OCUPME-015	1	100%	110	110	110	110
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	50%	100	97		
			Water pump (electric)	CNP 281	1	50%	88	85		
			Grout mixer	OCUPME-021	1	50%	90	87		
	(iii) Piling (for Portals PC1-6 and PC1-7)		Air Compressor	EPD-07503	1	80%	92	91	118	118
			Piling, large diameter bored, reverse circulation drill	CNP 166	1	80%	100	99		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	80%	112	111		
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	50%	108	105		
			Excavator/ loader, wheeled/ tracked	CNP 081	1	50%	112	109		
			Concrete lorry mixer	CNP 044	1	80%	109	108		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Water pump (electric)	CNP 281	1	80%	88	87		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	80%	109	108		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	80%	90	89		
			Dump truck	CNP 067	1	50%	117	114		
	(iv) ELS (for Portals PC1-6 and PC1-7)		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		

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PME Inventory

Area	Construction Activity	PME Group ^[1]	Unmitigated Scenario							
			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
	(v) Pile Caps & Portals PC1-6 and PC1-7		Concrete lorry mixer	CNP 044	1	70%	109	107	118	118
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	70%	100	98		
			Water pump (electric)	CNP 281	1	70%	88	86		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	70%	90	88		
			Bar bender and cutter (electric)	CNP 021	1	70%	90	88		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110		
			Dump truck	CNP 067	1	70%	117	115		
	(vi) Bridge Deck between Portals PC1-6 and PC1-7		Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110	117	117
			Concrete lorry mixer	CNP 044	1	70%	109	107		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Dump truck	CNP 067	1	50%	117	114		
	(vii) Street Furniture, Road Surfacing & Road Marking		Dump truck	CNP 067	1	80%	117	116	117	117
			Asphalt paver	CNP 004	1	50%	109	106		
			Roller, vibratory	CNP 186	1	70%	108	106		
			Paint line marker	CNP 161	1	70%	90	88		
9d	So Kwun Po Link (SKPL) N/B 9d - Retaining Wall Portion (i) UU Diversion									
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	80%	108	110	118	118
			Excavator/ loader, wheeled/ tracked	CNP 081	1	80%	112	111		
			Saw, circular, wood	CNP 201	1	50%	108	105		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Water pump (electric)	CNP 281	1	80%	88	87		
			Grout mixer	OCUPME-021	1	80%	90	89		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	50%	112	109		
Dump truck	CNP 067	1	50%	117	114					
	(ii) ELS		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(iii) Construction of Retaining Wall & Formation of Temp Road for SPKR S/B Diversion		Concrete lorry mixer	CNP 044	1	70%	109	107	116	116
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Bar bender and cutter (electric)	CNP 021	1	50%	90	87		
			Dump truck	CNP 067	1	50%	117	114		

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PME Inventory

Area	Construction Activity	PME Group ^[1]	Unmitigated Scenario									
			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)		
	(iv) Backfilling to Final Road Level		Excavator/ loader, wheeled/ tracked	CNP 081	1	100%	112	112	112	112		
			Compactor, vibratory	CNP 050	1	50%	105	102				
	(v) Street Furniture, Road Surfacing & Road Marking		Dump truck	CNP 067	1	80%	117	116	117	117		
			Asphalt paver	CNP 004	1	50%	109	106				
			Roller, vibratory	CNP 186	1	70%	108	106				
			Paint line marker	CNP 161	1	70%	90	88				
9e	9e - Elevated Road Portion											
	(i) Partial Demolition of Existing SKPR Bridge		Breaker, excavator mounted (pneumatic)	CNP 027	1	100%	122	122	122	122		
			(ii) Predrilling (for Pile Cap PC1-5 & Abutment AB5)		Drill rig, rotary type (diesel)	OCUPME-015	1	100%	110	110	110	110
					Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	50%	100	97		
					Water pump (electric)	CNP 281	1	50%	88	85		
			Grout mixer	OCUPME-021	1	50%	90	87				
	(iii) Piling (for Pile Cap PC1-5 & Abutment AB5)		Air Compressor	EPD-07503	1	80%	92	91	118	118		
			Piling, large diameter bored, reverse circulation drill	CNP 166	1	80%	100	99				
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	80%	112	111				
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	50%	108	105				
			Excavator/ loader, wheeled/ tracked	CNP 081	1	50%	112	109				
			Concrete lorry mixer	CNP 044	1	80%	109	108				
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99				
			Water pump (electric)	CNP 281	1	80%	88	87				
			Concrete pump, stationary/ lorry mounted	CNP 047	1	80%	109	108				
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100				
			Grout mixer	OCUPME-021	1	80%	90	89				
			Dump truck	CNP 067	1	50%	117	114				
	(iv) ELS (for Pile Cap PC1-5 & Abutment AB5)		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117		
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110				
			Dump truck	CNP 067	1	50%	117	114				
			Sheet piling machine	BS D4/13	1	80%	106	105				
	(v) Pile Caps (for Pile Cap PC1-5 & Abutment AB5)		Concrete lorry mixer	CNP 044	1	70%	109	107	118	118		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	70%	100	98				
			Water pump (electric)	CNP 281	1	70%	88	86				
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107				
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100				
			Grout mixer	OCUPME-021	1	70%	90	88				
			Bar bender and cutter (electric)	CNP 021	1	70%	90	88				
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110				

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PME Inventory

Area	Construction Activity	PME Group ^[1]	Unmitigated Scenario							
			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
			Dump truck	CNP 067	1	70%	117	115		
	(vi) Formation of Temp Road for SPKR S/B Diversion		Excavator/ loader, wheeled/ tracked	CNP 081	1	100%	112	112	115	115
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Compactor, vibratory	CNP 050	1	80%	105	104		
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	80%	108	107		
			Asphalt paver	CNP 004	1	60%	109	107		
			Roller, vibratory	CNP 186	1	80%	108	107		
			Paint line marker	CNP 161	1	80%	90	89		
	(vii) Abutment & Pier Construction		Concrete lorry mixer	CNP 044	1	70%	109	107	118	118
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	70%	100	98		
			Water pump (electric)	CNP 281	1	70%	88	86		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	30%	90	85		
			Bar bender and cutter (electric)	CNP 021	1	70%	90	88		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110		
			Dump truck	CNP 067	1	70%	117	115		
	(viii) Bridge Deck between PC1-5 & AB5		Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110	117	117
			Concrete lorry mixer	CNP 044	1	70%	109	107		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Dump truck	CNP 067	1	50%	117	114		
	(ix) Street Furniture, Road Surfacing & Road Marking		Dump truck	CNP 067	1	80%	117	116	117	117
			Asphalt paver	CNP 004	1	50%	109	106		
			Roller, vibratory	CNP 186	1	70%	108	106		
			Paint line marker	CNP 161	1	70%	90	88		
9f	So Kwun Po Link (SKPL) S/B & Diverted So Kwun Po Road (SKPR) S/B 9f - Retaining Wall Portion (i) UU Diversion									
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	80%	108	110	118	118
			Excavator/ loader, wheeled/ tracked	CNP 081	1	80%	112	111		
			Saw, circular, wood	CNP 201	1	50%	108	105		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Water pump (electric)	CNP 281	1	80%	88	87		
			Grout mixer	OCUPME-021	1	80%	90	89		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	50%	112	109		
			Dump truck	CNP 067	1	50%	117	114		

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PME Inventory

Area	Construction Activity	PME Group ^[1]	Unmitigated Scenario							
			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
	(ii) ELS		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(iii) Construction of Retaining Wall		Concrete lorry mixer	CNP 044	1	70%	109	107	116	116
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Dump truck	CNP 067	1	50%	117	114		
	(iv) Street Furniture, Road Surfacing & Road Marking		Dump truck	CNP 067	1	80%	117	116	117	117
			Asphalt paver	CNP 004	1	50%	109	106		
			Roller, vibratory	CNP 186	1	70%	108	106		
9g	9g - Elevated Road Portion									
	(i) Predrilling (for Abutment AB2)		Drill rig, rotary type (diesel)	OCUPME-015	1	100%	110	110	110	110
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	50%	100	97		
			Water pump (electric)	CNP 281	1	50%	88	85		
			Grout mixer	OCUPME-021	1	50%	90	87		
	(ii) Piling (for Abutment AB2)		Air Compressor	EPD-07503	1	80%	92	91	118	118
			Piling, large diameter bored, reverse circulation drill	CNP 166	1	80%	100	99		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	80%	112	111		
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	50%	108	105		
			Excavator/ loader, wheeled/ tracked	CNP 081	1	50%	112	109		
			Concrete lorry mixer	CNP 044	1	80%	109	108		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Water pump (electric)	CNP 281	1	80%	88	87		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	80%	109	108		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	80%	90	89		
			Dump truck	CNP 067	1	50%	117	114		
	(iii) ELS (for Abutment AB2)		Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(iv) Pile Cap & Abutment (for Abutment AB2)		Concrete lorry mixer	CNP 044	1	70%	109	107	118	118
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	70%	100	98		
			Water pump (electric)	CNP 281	1	70%	88	86		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		

4.3
PME Inventory

Area	Construction Activity	PME Group ^[1]	Unmitigated Scenario							
			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
			Grout mixer	OCUPME-021	1	70%	90	88		
			Bar bender and cutter (electric)	CNP 021	1	70%	90	88		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110		
			Dump truck	CNP 067	1	70%	117	115		
	(v) Bridge Deck between PC2-5 & AB2		Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110	117	117
			Concrete lorry mixer	CNP 044	1	70%	109	107		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Dump truck	CNP 067	1	50%	117	114		
	(vi) Street Furniture, Road Surfacing & Road Marking		Dump truck	CNP 067	1	80%	117	116	117	117
			Asphalt paver	CNP 004	1	50%	109	106		
			Roller, vibratory	CNP 186	1	70%	108	106		
			Paint line marker	CNP 161	1	70%	90	88		
10a	10) Subway A (near Pak Wo Road) 10a - Predrilling									
			Drill rig, rotary type (diesel)	OCUPME-015	1	30%	110	105	106	106
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	50%	100	97		
			Water pump (electric)	CNP 281	1	50%	88	85		
			Grout mixer	OCUPME-021	1	50%	90	87		
10b	10b - Stage 1 (i) ELS									
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	117	117
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	50%	117	114		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(ii) Pile Cap, Lift Shaft, Staircase & Subway		Concrete lorry mixer	CNP 044	1	70%	109	107	118	118
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	70%	100	98		
			Water pump (electric)	CNP 281	1	70%	88	86		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	70%	109	107		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	70%	90	88		
			Bar bender and cutter (electric)	CNP 021	1	70%	90	88		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110		
			Dump truck	CNP 067	1	70%	117	115		
10c	10c - Stage 2 (i) ELS									
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	116	116
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	30%	117	112		
			Sheet piling machine	BS D4/13	1	80%	106	105		

4.3
PME Inventory

Area	Construction Activity	PME Group ^[1]	Unmitigated Scenario							
			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on-time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
	(ii) Subway		Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99	110	110
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	80%	108	110		
			Water pump, submersible (electric)	CNP 283	2	100%	85	88		
10d	10d - Stage 3 (i) ELS									
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	2	70%	108	109	116	116
			Excavator/ loader, wheeled/ tracked	CNP 081	1	70%	112	110		
			Dump truck	CNP 067	1	30%	117	112		
			Sheet piling machine	BS D4/13	1	80%	106	105		
	(ii) Pile Cap, Lift Shaft, Staircase & Subway		Concrete lorry mixer	CNP 044	1	50%	109	106	115	115
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	50%	100	97		
			Water pump (electric)	CNP 281	1	70%	88	86		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	30%	109	104		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	50%	90	87		
			Bar bender and cutter (electric)	CNP 021	1	70%	90	88		
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	50%	112	109		
			Dump truck	CNP 067	1	30%	117	112		
10e(i)	10e(i) - Lift & E&M Installation		Crane, mobile/ barge mounted (diesel)	CNP 048	1	70%	112	110	115	115
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	70%	100	98		
			Dump truck	CNP 067	1	30%	117	112		
			Concrete pump, stationary/ lorry mounted	CNP 047	1	50%	109	106		
			Poker, vibratory, hand-held (electric)	OCUPME-027	1	70%	102	100		
			Grout mixer	OCUPME-021	1	50%	90	87		
10e(iv)	10e(iv) - ABWF Works		Dump truck	CNP 067	1	30%	117	112	112	112
11	11) Improvement Works at Pak Wo Road 11a - UU Diversion									
			Breaker, hand-held, mass > 10kg and < 20kg	CNP 024	1	80%	108	107	115	115
			Excavator/ loader, wheeled/ tracked	CNP 081	1	80%	112	111		
			Generator, silenced, 75 dB(A) at 7 m	CNP 102	1	80%	100	99		
			Grout mixer	OCUPME-021	1	80%	90	89		
			Dump truck	CNP 067	1	30%	117	112		
	11b - Road Improvement Works		Excavator/ loader, wheeled/ tracked	CNP 081	1	80%	112	111	114	114
			Asphalt paver	CNP 004	1	60%	109	107		
			Roller, vibratory	CNP 186	1	80%	108	107		
12	12) Landscape and Establishment Works		Excavator/ loader, wheeled/ tracked	CNP 081	2	100%	112	115	116	116

4.3
PME Inventory

Area	Construction Activity	PME Group ^[1]	Unmitigated Scenario							
			Equipment	Reference Code ^[2] , ^[3]	No. of item	% on- time in 30 min	PME SWL, dB(A)	Unmitigated Sub-total SWL, dB(A)	Total SWL dB(A)	Max Activity SWL dB(A)
			Crane, mobile/ barge mounted (diesel)	CNP 048	1	50%	112	109		

Notes:

The above construction activities will be carried out in phases, i.e. will not happen at the same time at the same workforce.

The figures are rounded-up to a whole number.

Bold PME denoted as quieter construction method / PME.

[1] Only one PME group will be operating at the same time for each activity.

[2] Sound power levels of other commonly used PME (by EPD) (OCUPME -no.).

[3] The SWL of Sheet Piling Machine is reference from Annex 8B of the approved EIA of Outlying Islands Sewerage Stage 2 - South Lantau Sewerage Works (AEIAR-210/2017)

(https://www.epd.gov.hk/eia/register/report/eiareport/eia_2462016/EIA%20HTML/Annex/Annex%208B.pdf)

[4] There is no construction activity between 10e(i) and 10e(iv).