

Appendix 5.5A

SWL of Construction Activities (West Portion)

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S1				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1001 Site Establishment, Utility Diversion and Plant Mobilization	Jan 2015 - Jul 2015	Air Compressor (CNP003) (70%)	1	102	102	92	102	102	92
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (70%)	2	120	108	103	123	111	106
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101
		Saw, Wire (CNP205) (50%)	2	98	98	93	101	101	96
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	1	112	99	94	112	99	94
				121	112	106	124	114	109
1036 Diversion of Existing Box Culverts in adjacent to Hoi Wang Road	Mar 2015 - Aug 2015	Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Compactor, vibratory (CNP050) (70%)	3	103	103	98	108	108	103
		Dump Truck with Grab (CNP069) (70%)	4	103	103	98	109	109	104
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Water Pump, Submersible (Electric) (CNP283) (100%)	6	85	85	85	93	93	93
				115	112	106	119	116	110

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S2				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1037 Temporary Shifting of Hoi Wang Road toward West	Sept 2015	Asphalt Paver (CNP004) (80%)	1	108	103
		Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Road Roller (CNP185) (80%)	2	107	96	91	110	99	94
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
				117	112	106	120	114	108

Project : Central Kowloon Route
Title : Plant Inventory
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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S3									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1001 Site Establishment, Utility Diversion and Plant Mobilization	Jan 2015 - Jul 2015	Air Compressor (CNP003) (70%)	1	102	102	92	102	102	92
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (70%)	2	120	108	103	123	111	106
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101
		Saw, Wire (CNP205) (50%)	2	98	98	93	101	101	96
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	1	112	99	94	112	99	94
				121	112	106	124	114	109
1038 Construct Depressed Road Structure - Site Formation, Levelling & Excavation Works	Feb 2015 - Apr 2015	Breaker, Excavator Mounted (Hydraulic) (CNP028) (70%)	1	120	108	103	120	108	103
		Bulldozer (CNP030) (70%)	2	113	100	95	116	103	98
		Compactor, vibratory (CNP050) (70%)	3	103	103	98	108	108	103
		Dump Truck with Grab (CNP069) (70%)	3	103	103	98	108	108	103
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Tracked crane (BS D7-114) (70%)	1	99	99	94	99	99	94
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Water Pump, Submersible (Electric) (CNP283) (100%)	6	85	85	85	93	93	93
				122	112	107	123	114	109
1038 Construct Depressed Road Structure - Construction & Paving Works	May 2015 - Feb 2016	Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Bored Piling Crane mounted auger (BS D4-37) (80%)	3	110	110	100	115	115	105
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Water Pump, Submersible (Electric) (CNP283) (100%)	6	85	85	85	93	93	93
				119	115	107	123	118	111

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S4				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1004 Construct Methodone Clinic	Jan 2015 - Oct 2015	Bar Bender and Cutter (CNP021) (60%)	1	88	88
		Concrete Lorry Mixer (CNP044) (50%)	3	106	106	101	111	111	106
		Concrete pump (CNP047) (70%)	1	107	107	97	107	107	97
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Crane Mobile (CNP048) (50%)	1	109	98	93	109	98	93
		Poker, Vibratory, Hand Held (CNP170) (50%)	3	110	99	94	115	104	99
		Saw, Circular Wood (CNP201) (50%)	2	105	103	98	108	106	101
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
				117	111	105	119	114	108

Project : Central Kowloon Route
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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S5				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1005 Decant and demolish existing Jade Market	Jun 2015	Breaker, Excavator Mounted (Hydraulic) (CNP028) (80%)	1	121	109	104	121	109	104
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Concrete crusher, excavator mounted (CNP055) (90%)	1	103	103	93	103	103	93
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Saw, Wire (CNP205) (50%)	2	98	98	93	101	101	96
				122	111	106	122	112	107

Project : Central Kowloon Route
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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S6				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1005 Decant and demolish existing Jade Market	Jun 2015	Breaker, Excavator Mounted (Hydraulic) (CNP028) (80%)	1	121	109	104	121	109	104
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Concrete crusher, excavator mounted (CNP055) (90%)	1	103	103	93	103	103	93
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Saw, Wire (CNP205) (50%)	2	98	98	93	101	101	96
				122	111	106	122	112	107
1004 Construct Permanent Jade Market	Jun 2020 - Nov 2020	Bar Bender and Cutter (CNP021) (60%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (50%)	3	106	106	101	111	111	106
		Concrete pump (CNP047) (70%)	1	107	107	97	107	107	97
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Crane Mobile (CNP048) (50%)	1	109	98	93	109	98	93
		Poker, Vibratory, Hand Held (CNP170) (50%)	3	110	99	94	115	104	99
		Saw, Circular Wood (CNP201) (50%)	2	105	103	98	108	106	101
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
				117	111	105	119	114	108

Project : Central Kowloon Route
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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S7									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1003 Construct Temporary Library & Mini-KGO	Jan 2015 - Jun 2015	Bar Bender and Cutter (CNP021) (60%)	1	88	88
		Concrete Lorry Mixer (CNP044) (50%)	3	106	106	101	111	111	106
		Concrete pump (CNP047) (70%)	1	107	107	97	107	107	97
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Crane Mobile (CNP048) (50%)	2	109	98	93	112	101	96
		Poker, Vibratory, Hand Held (CNP170) (50%)	3	110	99	94	115	104	99
		Saw, Circular Wood (CNP201) (50%)	2	105	103	98	108	106	101
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
				117	111	105	120	114	108

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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S8				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1017 Construct Western Access Shaft - Excavation of Diaphragm Walls	Jan 2015	Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Lorry (CNP141) (80%)	1	111	104	99	111	104	99
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	3	105	105	95	109	109	99
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
						117	110	104	119
1017 Construct Western Access Shaft - Concreting of Diaphragm Wall	Feb 2015	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Lorry (CNP141) (80%)	1	111	104	99	111	104	99
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
						116	112	105	119
1017 Construct Western Access Shaft - Soil Excavation of Access Shaft (covered by traffic deck with opening)	Mar 2015 - May 2015	Dump Truck with Grab (CNP069) (60%)	3	103	103	98	108	108	103
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Tracked Crane (CNP048) (70%)	1	110	99	94	110	99	94
		Excavator/Loader, Wheeled/Tracked (CNP081) (80%)	2	111	98	93	114	101	96
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	85	85	85	91	91	91
		Ventilation Fan (CNP241) (90%)	2	108	108	93	111	111	96
						117	111	103	119
1017 Construct Western Access Shaft - Rock Excavation of Access Shaft (covered by traffic deck with opening)	Jun 2015 - Jul 2015	Breaker, Excavator Mounted (Hydraulic) (CNP028) (80%)	2	121	109	104	124	112	107
		Dump Truck with Grab (CNP069) (60%)	3	103	103	98	108	108	103
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Tracked Crane (CNP048) (70%)	1	110	99	94	110	99	94
		Ventilation Fan (CNP241) (90%)	2	108	108	93	111	111	96
						122	113	106	125
1017 Construct Western Access Shaft - Cast Bottom Slab (covered by traffic deck with opening)	Aug 2015 - Sep 2015	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (80%)	3	108	108	103	113	113	108
		Concrete pump (CNP047) (60%)	1	107	107	97	107	107	97
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Saw, Circular Wood (CNP201) (70%)	2	106	101	96	109	104	99
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	85	85	85	91	91	91
		Ventilation Fan (CNP241) (90%)	3	108	108	93	112	112	97
						117	113	106	121

Project : Central Kowloon Route
Title : Plant Inventory
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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S9				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1002 Construct Temporary Jade Market	Jan 2015 - May 2015	Bar Bender and Cutter (CNP021) (60%)	1	88	88
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Concrete pump (CNP047) (70%)	1	107	107	97	107	107	97
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Poker, Vibratory, Hand Held (CNP170) (80%)	2	112	101	96	115	104	99
		Saw, Circular Wood (CNP201) (60%)	1	106	101	96	106	101	96
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
				118	111	105	119	113	107

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S10				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1040 Filling embankment for the Link Road E, F and Hoi Wang Road	Jan 2017 - May 2017	Compactor, vibratory (CNP050) (70%)	6	103	103	98	111	111	106
		Dump Truck with Grab (CNP069) (70%)	4	103	103	98	109	109	104
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	3	110	97	92	115	102	97
		Road Roller (CNP185) (80%)	4	107	96	91	113	102	97
				114	108	102	120	114	109
1041 Construct Retaining Wall RWW1, 2, 3 & 4	Jan 2017 - May 2017	Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Generator (CNP101) (100%)	4	108	95	85	114	101	91
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	3	110	97	92	115	102	97
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
		Dump Truck with Grab (CNP069) (70%)	3	103	103	98	108	108	103
				118	113	106	122	116	110

Project : Central Kowloon Route
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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S11				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1040 Filling embankment for the Link Road E, F, G and Hoi Wang Road	Jan 2017 - May 2017	Compactor, vibratory (CNP050) (70%)	6	103	103	98	111	111	106
		Dump Truck with Grab (CNP069) (70%)	4	103	103	98	109	109	104
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	3	110	97	92	115	102	97
		Road Roller (CNP185) (80%)	4	107	96	91	113	102	97
				114	108	102	120	114	109
1041 Construct Retaining Wall RWW1, 2, 3 & 4	Jan 2017 - May 2017	Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Generator (CNP101) (100%)	4	108	95	85	114	101	91
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	3	110	97	92	115	102	97
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
		Dump Truck with Grab (CNP069) (70%)	3	103	103	98	108	108	103
				118	113	106	122	116	110

Project : Central Kowloon Route
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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S12				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1040 Filling embankment for the Link Road E, F, G and Hoi Wang Road	Jan 2017 - May 2017	Compactor, vibratory (CNP050) (70%)	6	103	103	98	111	111	106
		Dump Truck with Grab (CNP069) (70%)	4	103	103	98	109	109	104
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	3	110	97	92	115	102	97
		Road Roller (CNP185) (80%)	4	107	96	91	113	102	97
						114	108	102	120
1041 Construct Retaining Wall RWW1, 2, 3 & 4	Jan 2017 - May 2017	Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Generator (CNP101) (100%)	4	108	95	85	114	101	91
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	3	110	97	92	115	102	97
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
		Dump Truck with Grab (CNP069) (70%)	3	103	103	98	108	108	103
				118	113	106	122	116	110

Project : Central Kowloon Route
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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S13				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1039 Construct Landscape Deck	Jan 2016 - Dec 2016	Concrete Lorry Mixer (CNP044) (60%)	3	107	107
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Lorry (CNP141) (70%)	3	110	103	98	115	108	103
		Crane Mobile (CNP048) (70%)	4	110	99	94	116	105	100
		Dump Truck with Grab (CNP069) (70%)	3	103	103	98	108	108	103
		Generator (CNP101) (100%)	5	108	95	85	115	102	92
				117	113	106	123	116	111

Project : Central Kowloon Route
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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S13a									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1027 Removal of Excavated Material through West End Portal	Feb 2017 - Sept 2018	Dump Truck with Grab (CNP069) (70%)	10	103	103	98	113	113	108
				103	103	98	113	113	108

Project : Central Kowloon Route
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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S14				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1040 Filling embankment for the Link Road and Hoi Wang Road	Jan 2017 - May 2017	Compactor, vibratory (CNP050) (70%)	6	103	103	98	111	111	106
		Dump Truck with Grab (CNP069) (70%)	4	103	103	98	109	109	104
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	3	110	97	92	115	102	97
		Road Roller (CNP185) (80%)	4	107	96	91	113	102	97
				114	108	102	120	114	109

Project : Central Kowloon Route
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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S15				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1040 Filling embankment for the Link Road A	Jan 2017 - May 2017	Compactor, vibratory (CNP050) (70%)	6	103	103	98	111	111	106
		Dump Truck with Grab (CNP069) (70%)	4	103	103	98	109	109	104
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	3	110	97	92	115	102	97
		Road Roller (CNP185) (80%)	4	107	96	91	113	102	97
				114	108	102	120	114	109

Project : Central Kowloon Route
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CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S16a				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1018 Construct Middle Dwall and Traffic Deck - Piling for King Post	Jul 2015	Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Lorry (CNP141) (60%)	1	110	103	98	110	103	98
				115	112	105	115	112	105
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Lorry (CNP141) (60%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Bored Piling Crane mounted auger (BS D4-37) (70%)	2	109	109	99	112	112	102
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
				117	111	103	118	113	105
				Max		117	112	105	118
1018 Construct Middle Dwall and Traffic Deck - Diaphragm Walls	Aug 2015 - Nov 2015	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Poker, Vibratory, Hand Held (CNP170) (60%)	1	111	100	95	111	100	95
				116	112	105	117	112	105
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				115	108	102	116	108	102
		Max		116	112	105	117	112	105
1018 Construct Middle Dwall and Traffic Deck - Temporary Traffic Deck	Dec 2015	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		116	107	101	116	107	101		

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL				
Worksite S16b				SWL of Single PME			Total SWL				
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated		
1018 Construct Middle Dwall and Traffic Deck - Piling for King Post	Jul 2015	Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102		
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98		
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98		
		Generator (CNP101) (100%)	2	108	95	85	111	98	88		
		Lorry (CNP141) (60%)	1	110	103	98	110	103	98		
						115	112	105	115	112	105
		Generator (CNP101) (100%)	2	108	95	85	111	98	88		
		Lorry (CNP141) (60%)	1	110	103	98	110	103	98		
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94		
		Bored Piling Crane mounted auger (BS D4-37) (70%)	2	109	109	99	112	112	102		
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92		
						117	111	103	118	113	105
				Max		117	112	105	118	113	105
1018 Construct Middle Dwall and Traffic Deck - Diaphragm Walls	Aug 2015 - Nov 2015	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88		
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102		
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98		
		Generator (CNP101) (100%)	2	108	95	85	111	98	88		
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98		
		Poker, Vibratory, Hand Held (CNP170) (60%)	1	111	100	95	111	100	95		
						116	112	105	117	112	105
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98		
		Generator (CNP101) (100%)	2	108	95	85	111	98	88		
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94		
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95		
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92		
						115	108	102	116	108	102
		Max		116	112	105	117	112	105		
1018 Construct Middle Dwall and Traffic Deck - Temporary Traffic Deck	Dec 2015	Generator (CNP101) (70%)	1	106	93	83	106	93	83		
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100		
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92		
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94		
				116	107	101	116	107	101		

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S17									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1006 Decant Library and Government Offices in MSCB	Jul 2015 - Sept 2015	No Specific plant involves							

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S18				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1007 Demolish Multi-storey Carpark Building (partially)	Oct 2015 - Feb 2016	Breaker, Excavator Mounted (Hydraulic) (CNP028) (80%)	1	121	109
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Concrete crusher, excavator mounted (CNP055) (80%)	2	102	102	92	105	105	95
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Saw, Wire (CNP205) (50%)	1	98	98	93	98	98	93
				122	111	106	122	112	107

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S19				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1046 Construct Bridge Connection G	Mar 2016 - Sept 2016	Concrete Lorry Mixer (CNP044) (60%)	3	107	107
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	4	108	95	85	114	101	91
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Crane Mobile (CNP048) (70%)	4	110	99	94	116	105	100
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Piling, large dia bored, oscillator (CNP165) (80%)	4	114	114	104	120	120	110
				119	116	108	124	121	113

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S20				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1001 Site Establishment, Utility Diversion and Plant Mobilization	Jan 2015 - Jul 2015	Air Compressor (CNP003) (70%)	1	102	102	92	102	102	92
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (70%)	2	120	108	103	123	111	106
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101
		Saw, Wire (CNP205) (50%)	2	98	98	93	101	101	96
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	1	112	99	94	112	99	94
				121	112	106	124	114	109
1045 Realign Lin Cheung Road	Sept 2015 - Feb 2016	Asphalt Paver (CNP004) (80%)	1	108	103	98	108	103	98
		Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Road Roller (CNP185) (80%)	2	107	96	91	110	99	94
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				118	111	106	121	113	108

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S21a				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1046 Construct Bridge Connection C and C2	Mar 2016 - Sept 2016	Concrete Lorry Mixer (CNP044) (60%)	2	107	107
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Poker, Vibratory, Hand Held (CNP170) (70%)	2	111	100	95	114	103	98
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Piling, large dia bored, oscillator (CNP165) (80%)	2	114	114	104	117	117	107
				119	116	108	122	119	110

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S21b				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1046 Construct Bridge B and B2	Mar 2016 - Sept 2016	Concrete Lorry Mixer (CNP044) (60%)	1	107	107
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Poker, Vibratory, Hand Held (CNP170) (70%)	1	111	100	95	111	100	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Piling, large dia bored, oscillator (CNP165) (80%)	2	114	114	104	117	117	107
				119	116	108	121	118	110

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL				
Worksite S22				SWL of Single PME			Total SWL				
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated		
1043 Construct Ventilation Duct	Jan 2016 - Aug 2016	Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107		
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98		
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100		
		Generator (CNP101) (100%)	3	108	95	85	113	100	90		
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101		
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97		
		Bored Piling Crane mounted auger (BS D4-37) (80%)	2	110	110	100	113	113	103		
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92		
		Compactor, vibratory (CNP050) (60%)	2	103	103	98	106	106	101		
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98		
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	85	85	85	91	91	91		
						119	115	108	122	118	111
		1046 Construct Bridge Connection D	Mar 2016 - Sept 2016	Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
Dump Truck with Grab (CNP069) (70%)	2			103	103	98	106	106	101		
Generator (CNP101) (100%)	4			108	95	85	114	101	91		
Poker, Vibratory, Hand Held (CNP170) (70%)	3			111	100	95	116	105	100		
Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2			110	97	92	113	100	95		
Crane Mobile (CNP048) (70%)	4			110	99	94	116	105	100		
Bar Bender and Cutter (CNP021) (70%)	1			88	88	88	88	88	88		
Concrete pump (CNP047) (80%)	1			108	108	98	108	108	98		
Piling, large dia bored, oscillator (CNP165) (80%)	4			114	114	104	120	120	110		
				119	116	108	124	121	113		

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S23				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1001 Site Establishment, Utility Diversion and Plant Mobilization	Jan 2015 - Jul 2015	Air Compressor (CNP003) (70%)	1	102	102	92	102	102	92
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (70%)	2	120	108	103	123	111	106
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101
		Saw, Wire (CNP205) (50%)	2	98	98	93	101	101	96
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	1	112	99	94	112	99	94
				121	112	106	124	114	109
1044 Construct Western Ventilation Building - Foundation works for Vent Building	Jun 2015 - Dec 2015	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
		Piling, large dia bored, oscillator (CNP165) (80%)	2	114	114	104	117	117	107
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	85	85	85	91	91	91
				120	116	108	123	119	111
1044 Construct Western Ventilation Building - Construction of Superstructure for Ventilation Buildings	Jan 2016 - May 2017	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	3	110	97	92	115	102	97
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Hoist, Passenger / Material (CNP122) (80%)	1	94	94	94	94	94	94
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
		Saw, Circular Wood (CNP201) (70%)	2	106	101	96	109	104	99
				116	112	105	120	114	109

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S24a									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1042 Construct Noise Barrier and Diversion of Hoi Wang Road	Jun 2017 - Oct 2017	Concrete Lorry Mixer (CNP044) (60%)	2	107	107
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
		Bored Piling Crane mounted auger (BS D4-37) (80%)	2	110	110	100	113	113	103
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Compactor, vibratory (CNP050) (70%)	2	103	103	98	106	106	101
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
				119	115	108	122	117	110

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S24b									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1042 Construct Noise Barrier and Diversion of Hoi Wang Road	Jun 2017 - Oct 2017	Concrete Lorry Mixer (CNP044) (60%)	2	107	107
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
		Bored Piling Crane mounted auger (BS D4-37) (80%)	2	110	110	100	113	113	103
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Compactor, vibratory (CNP050) (70%)	2	103	103	98	106	106	101
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
				119	115	108	122	117	110

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S25				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1019 Construct Middle Dwall and Traffic Deck (cross road sections) - Diaphragm Walls	Jan 2016 - Feb 2016	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Poker, Vibratory, Hand Held (CNP170) (60%)	1	111	100	95	111	100	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				118	113	107	118	113	107
1019 Construct Middle Dwall and Traffic Deck (cross road sections) - Temporary Traffic Deck	Mar 2016	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				116	107	101	116	107	101

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S26				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1019 Construct Middle Dwall and Traffic Deck (cross road sections) - Diaphragm Walls	Jan 2016 - Feb 2016	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Poker, Vibratory, Hand Held (CNP170) (60%)	1	111	100	95	111	100	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				118	113	107	118	113	107
1019 Construct Middle Dwall and Traffic Deck (cross road sections) - Temporary Traffic Deck	Mar 2016	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				116	107	101	116	107	101

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S27a				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1009 Construct Proposed GRF Flyover (two lanes) on Northern Side and the Temporary Deck (From Reclamation Street to Ferry Street) - Foundation and pier	Apr 2016	Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Dump Truck with Grab (CNP069) (60%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	2	109	96	91	112	99	94
		Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (70%)	1	107	107	97	107	107	97
		Bored Piling Crane mounted auger (BS D4-37) (80%)	2	110	110	100	113	113	103
				117	114	106	120	116	109
1009 Construct Proposed GRF Flyover (two lanes) on Northern Side and the Temporary Deck (From Reclamation Street to Ferry Street) - Bridge Deck	May 2016 - Jun 2016	Poker, Vibratory, Hand Held (CNP170) (50%)	3	110	99	94	115	104	99
		Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (70%)	1	107	107	97	107	107	97
				115	109	101	119	110	103
1009 Construct Proposed GRF Flyover (two lanes) on Northern Side and the Temporary Deck (From Reclamation Street to Ferry Street) - Surfacing, MJ, noise barriers	Jul 2016	Asphalt Paver (CNP004) (50%)	1	106	101	96	106	101	96
		Road Roller (CNP185) (60%)	1	106	95	90	106	95	90
		Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
				112	104	99	114	105	100

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S27b									
Activity	Months	PME		SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1008 Construct Proposed GRF Flyover (two lanes) on Northern Side and the Temporary Deck (From Temple Street to Reclamation Street) - Foundation and pier	Mar 2016	Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Dump Truck with Grab (CNP069) (60%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	2	109	96	91	112	99	94
		Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (70%)	1	107	107	97	107	107	97
		Bored Piling Crane mounted auger (BS D4-37) (80%)	2	110	110	100	113	113	103
				117	114	106	120	116	109
1008 Construct Proposed GRF Flyover (two lanes) on Northern Side and the Temporary Deck (From Temple Street to Reclamation Street) - Bridge Deck	Apr 2016 - May 2016	Poker, Vibratory, Hand Held (CNP170) (50%)	3	110	99	94	115	104	99
		Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (70%)	1	107	107	97	107	107	97
				115	109	101	119	110	103
1008 Construct Proposed GRF Flyover (two lanes) on Northern Side and the Temporary Deck (From Temple Street to Reclamation Street) - Surfacing, MJ, noise	May 2016	Asphalt Paver (CNP004) (50%)	1	106	101	96	106	101	96
		Road Roller (CNP185) (60%)	1	106	95	90	106	95	90
		Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
				112	104	99	114	105	100

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S28				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1020 Diversion of Ferry Street Junction	Apr 2016 - Jun 2016	Asphalt Paver (CNP004) (80%)	1	108	103
		Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Road Roller (CNP185) (70%)	2	106	95	90	109	98	93
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
				118	113	107	121	115	109

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S29									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Piling for King Post	Apr 2016	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (60%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Bored Piling Crane mounted auger (BS D4-37) (70%)	1	109	109	99	109	109	99
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
				117	111	103	117	111	103
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Grouting for King Post	May 2016	Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
				111	111	105	111	111	105
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Excavation for Diaphragm Walls	Jun 2016 - Aug 2016	Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				116	110	103	116	110	103
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Concreting for Diaphragm Walls	Sept 2016	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
				110	110	103	110	110	103
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Temporary Traffic Deck	Oct 2016	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				116	107	101	116	107	101

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S30				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1015 Underpinning Works for YMT Police Station - Diaphragm Wall and Transfer Beams	Mar 2016 - Jun 2016	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (60%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
		Water Pump, Submersible (Electric) (CNP283) (100%)	2	85	85	85	88	88	88
						118	113	107	121
1015 Underpinning Works for YMT Police Station - Underpinning Excavation	Jul 2016	Dump Truck with Grab (CNP069) (60%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Excavator/Loader, Wheeled/Tracked (CNP081) (80%)	1	111	98	93	111	98	93
		Water Pump, Submersible (Electric) (CNP283) (100%)	2	85	85	85	88	88	88
				113	105	99	115	107	102

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S31									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Decant YMT Police Station	Dec 2015 - Feb 2016	No Specific plant involves							

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S32									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Piling for King Post	Apr 2016	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (60%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Bored Piling Crane mounted auger (BS D4-37) (70%)	1	109	109	99	109	109	99
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
				117	111	103	117	111	103
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Grouting for King Post	May 2016	Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
				111	111	105	111	111	105
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Excavation for Diaphragm Walls	Jun 2016 - Aug 2016	Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				116	110	103	116	110	103
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Concreting for Diaphragm Walls	Sept 2016	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
				110	110	103	110	110	103
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Temporary Traffic Deck	Oct 2016	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				116	107	101	116	107	101

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S33									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Piling for King Post	Apr 2016	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (60%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Bored Piling Crane mounted auger (BS D4-37) (70%)	1	109	109	99	109	109	99
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
				117	111	103	117	111	103
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Grouting for King Post	May 2016	Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
				111	111	105	111	111	105
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Excavation for Diaphragm Walls	Jun 2016 - Aug 2016	Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				116	110	103	116	110	103
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Concreting for Diaphragm Walls	Sept 2016	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
				110	110	103	110	110	103
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Temporary Traffic Deck	Oct 2016	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				116	107	101	116	107	101

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S34									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Piling for King Post	Apr 2016	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (60%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Bored Piling Crane mounted auger (BS D4-37) (70%)	1	109	109	99	109	109	99
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
				117	111	103	117	111	103
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Grouting for King Post	May 2016	Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
				111	111	105	111	111	105
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Excavation for Diaphragm Walls	Jun 2016 - Aug 2016	Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				116	110	103	116	110	103
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Concreting for Diaphragm Walls	Sept 2016	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
				110	110	103	110	110	103
1021 Construct Southern Dwall & Dwall Crossing Ferry Street - Temporary Traffic Deck	Oct 2016	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				116	107	101	116	107	101

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S35				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1013 Demolish Multi-storey Carpark Building (remaining part)	Sept 2016 - Mar 2017	Breaker, Excavator Mounted (Hydraulic) (CNP028) (80%)	1	121	109	104	121	109	104
		Dump Truck with Grab (CNP069) (60%)	3	103	103	98	108	108	103
		Concrete crusher, excavator mounted (CNP055) (80%)	2	102	102	92	105	105	95
		Crane Mobile (CNP048) (60%)	1	110	99	94	110	99	94
		Saw, Wire (CNP205) (60%)	2	99	99	94	102	102	97
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
						122	111	106	122

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S36a				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1010 Demolish the Existing Flyover	Aug 2016 - Oct 2016	Breaker, Excavator Mounted (Hydraulic) (CNP028) (60%)	1	120	108
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Concrete crusher, excavator mounted (CNP055) (70%)	1	101	101	91	101	101	91
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Saw, Wire (CNP205) (60%)	1	99	99	94	99	99	94
				120	111	105	120	111	105

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S36b				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1010 Demolish the Existing Flyover	Aug 2016 - Oct 2016	Breaker, Excavator Mounted (Hydraulic) (CNP028) (60%)	1	120	108	103	120	108	103
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Concrete crusher, excavator mounted (CNP055) (70%)	1	101	101	91	101	101	91
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Saw, Wire (CNP205) (60%)	1	99	99	94	99	99	94
				120	111	105	120	111	105

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S37a				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1012 Construct the Proposed GRF Flyover (the Remain Part from Reclamation Street to Ferry Street) - Foundation and pier	Feb 2017	Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Dump Truck with Grab (CNP069) (60%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	2	109	96	91	112	99	94
		Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (70%)	1	107	107	97	107	107	97
		Bored Piling Crane mounted auger (BS D4-37) (80%)	2	110	110	100	113	113	103
				117	114	106	120	116	109
1012 Construct the Proposed GRF Flyover (the Remain Part from Reclamation Street to Ferry Street) - Bridge Deck	Mar 2017 - Apr 2017	Poker, Vibratory, Hand Held (CNP170) (50%)	3	110	99	94	115	104	99
		Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (70%)	1	107	107	97	107	107	97
				115	109	101	119	110	103
1012 Construct the Proposed GRF Flyover (the Remain Part from Reclamation Street to Ferry Street) - Surfacing, MJ, noise barriers	Apr 2017	Asphalt Paver (CNP004) (50%)	1	106	101	96	106	101	96
		Road Roller (CNP185) (60%)	1	106	95	90	106	95	90
		Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
				112	104	99	114	105	100

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S37b				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1011 Construct the Proposed GRF Flyover (the Remain Part from Temple Street to Reclamation Street) - Foundation and pier	Nov 2016	Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Dump Truck with Grab (CNP069) (60%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	2	109	96	91	112	99	94
		Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (70%)	1	107	107	97	107	107	97
		Bored Piling Crane mounted auger (BS D4-37) (80%)	2	110	110	100	113	113	103
				117	114	106	120	116	109
1011 Construct the Proposed GRF Flyover (the Remain Part from Temple Street to Reclamation Street) - Bridge Deck	Dec 2016 - Jan 2017	Poker, Vibratory, Hand Held (CNP170) (50%)	3	110	99	94	115	104	99
		Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (70%)	1	107	107	97	107	107	97
				115	109	101	119	110	103
1011 Construct the Proposed GRF Flyover (the Remain Part from Temple Street to Reclamation Street) - Surfacing, MJ, noise barriers	Feb 2017	Asphalt Paver (CNP004) (50%)	1	106	101	96	106	101	96
		Road Roller (CNP185) (60%)	1	106	95	90	106	95	90
		Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
				112	104	99	114	105	100

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S38a				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1047 Construct Bridge Connection E, F & G	Jul 2016 - Jan 2017	Asphalt Paver (CNP004) (60%)	3	107	102	97	112	107	102
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	4	108	95	85	114	101	91
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Crane Mobile (CNP048) (70%)	4	110	99	94	116	105	100
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Piling, large dia bored, oscillator (CNP165) (80%)	4	114	114	104	120	120	110
				119	116	107	124	121	112
1048 Construct Bridge Connection E, F & G	Dec 2016 - Jul 2017	Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	4	108	95	85	114	101	91
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Crane Mobile (CNP048) (70%)	4	110	99	94	116	105	100
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Piling, large dia bored, oscillator (CNP165) (80%)	4	114	114	104	120	120	110
				119	116	108	124	121	113
1053 Road Works for Connection Roads on West Side of Ferry Street	Aug 2018 - Nov 2018	Asphalt Paver (CNP004) (80%)	1	108	103	98	108	103	98
		Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Dump Truck with Grab (CNP069) (70%)	3	103	103	98	108	108	103
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Road Roller (CNP185) (80%)	4	107	96	91	113	102	97
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
				117	111	105	121	115	110
1054 Landscaping Works	Dec 2018 - Sept 2019	Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
		Lorry (CNP141) (60%)	2	110	103	98	113	106	101
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	1	109	96	91	109	96	91
				114	105	100	117	108	103

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S38b				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1047 Construct Bridge Connection D	Jul 2016 - Jan 2017	Asphalt Paver (CNP004) (60%) Dump Truck with Grab (CNP069) (70%) Generator (CNP101) (100%) Poker, Vibratory, Hand Held (CNP170) (70%) Excavator/Loader, Wheeled/Tracked (CNP081) (70%) Crane Mobile (CNP048) (70%) Bar Bender and Cutter (CNP021) (70%) Concrete pump (CNP047) (80%) Piling, large dia bored, oscillator (CNP165) (80%)	3 2 4 3 2 4 1 1 4	107 103 108 111 110 110 88 108 114	102 103 95 100 97 99 88 108 114
1053 Road Works for Connection Roads on West Side of Ferry Street	Aug 2018 - Nov 2018	Asphalt Paver (CNP004) (80%) Concrete Lorry Mixer (CNP044) (60%) Dump Truck with Grab (CNP069) (70%) Generator (CNP101) (100%) Poker, Vibratory, Hand Held (CNP170) (70%) Road Roller (CNP185) (80%) Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1 3 3 3 4 2	108 107 103 108 111 107 110	103 107 103 95 100 96 97	98 102 98 85 95 91 92	108 112 108 113 116 113 113	103 112 108 100 105 102 100	98 107 103 90 100 97 95
1054 Landscaping Works	Dec 2018 - Sept 2019	Crane Mobile (CNP048) (60%) Lorry (CNP141) (60%) Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	2 2 1	110 110 109	99 103 96	94 98 91	113 113 109	102 106 96	97 101 91
				114	105	100	117	108	103

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S38c				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1049 Demolish Temporary Bridge Connection B, B2, C & C2	Oct 2017 - Dec 2018	Breaker, Excavator Mounted (Hydraulic) (CNP028) (60%)	1	120	108	103	120	108	103
		Dump Truck with Grab (CNP069) (80%)	3	104	104	99	109	109	104
		Concrete crusher, excavator mounted (CNP055) (80%)	2	102	102	92	105	105	95
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Saw, Wire (CNP205) (70%)	2	99	99	94	102	102	97
				120	111	105	121	113	107

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S38d				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1050 Construct Bridge Connection B2, C & C2	Jan 2018 - Jul 2018	Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	4	108	95	85	114	101	91
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Crane Mobile (CNP048) (70%)	4	110	99	94	116	105	100
		Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Piling, large dia bored, oscillator (CNP165) (80%)	4	114	114	104	120	120	110
				119	116	108	124	121	113
1053 Road Works for Connection Roads on West Side of Ferry Street	Aug 2018 - Nov 2018	Asphalt Paver (CNP004) (80%)	1	108	103	98	108	103	98
		Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Dump Truck with Grab (CNP069) (70%)	3	103	103	98	108	108	103
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Road Roller (CNP185) (80%)	4	107	96	91	113	102	97
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
				117	111	105	121	115	110
1054 Landscaping Works	Dec 2018 - Sept 2019	Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
		Lorry (CNP141) (60%)	2	110	103	98	113	106	101
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	1	109	96	91	109	96	91
				114	105	100	117	108	103

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S38e				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1053 Road Works for Connection Roads on West Side of Ferry Street	Aug 2018 - Nov 2018	Asphalt Paver (CNP004) (80%)	1	108	103	98	108	103	98
		Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Dump Truck with Grab (CNP069) (70%)	3	103	103	98	108	108	103
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Road Roller (CNP185) (80%)	4	107	96	91	113	102	97
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
				117	111	105	121	115	110
1054 Landscaping Works	Dec 2018 - Sept 2019	Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
		Lorry (CNP141) (60%)	2	110	103	98	113	106	101
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	1	109	96	91	109	96	91
				114	105	100	117	108	103

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S38f				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1053 Road Works for Connection Roads on West Side of Ferry Street	Aug 2018 - Nov 2018	Asphalt Paver (CNP004) (80%)	1	108	103	98	108	103	98
		Concrete Lorry Mixer (CNP044) (60%)	3	107	107	102	112	112	107
		Dump Truck with Grab (CNP069) (70%)	3	103	103	98	108	108	103
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	111	100	95	116	105	100
		Road Roller (CNP185) (80%)	4	107	96	91	113	102	97
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
				117	111	105	121	115	110
1054 Landscaping Works	Dec 2018 - Sept 2019	Crane Mobile (CNP048) (60%)	2	110	99	94	113	102	97
		Lorry (CNP141) (60%)	2	110	103	98	113	106	101
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	1	109	96	91	109	96	91
				114	105	100	117	108	103

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S39				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1022 Construct Southern Dwall and Traffic Deck (cross road sections) - Diaphragm Walls	Nov 2016 - Dec 2016	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Poker, Vibratory, Hand Held (CNP170) (60%)	1	111	100	95	111	100	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				118	113	107	118	113	107
1022 Construct Southern Dwall and Traffic Deck (cross road sections) - Temporary Traffic Deck	Jan 2017	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				116	107	101	116	107	101

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S40				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1022 Construct Southern Dwall and Traffic Deck (cross road sections) - Diaphragm Walls	Nov 2016 - Dec 2016	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Poker, Vibratory, Hand Held (CNP170) (60%)	1	111	100	95	111	100	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				118	113	107	118	113	107
1022 Construct Southern Dwall and Traffic Deck (cross road sections) - Temporary Traffic Deck	Jan 2017	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				116	107	101	116	107	101

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S41				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1022 Construct Southern Dwall and Traffic Deck (cross road sections) - Diaphragm Walls	Nov 2016 - Dec 2016	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Poker, Vibratory, Hand Held (CNP170) (60%)	1	111	100	95	111	100	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				118	113	107	118	113	107
1022 Construct Southern Dwall and Traffic Deck (cross road sections) - Temporary Traffic Deck	Jan 2017	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				116	107	101	116	107	101

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S42				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1016 Demolish Special Clinic Extension Building	Sept 2016 - Feb 2017	Breaker, Excavator Mounted (Hydraulic) (CNP028) (70%)	1	120	108
		Dump Truck with Grab (CNP069) (70%)	3	103	103	98	108	108	103
		Concrete crusher, excavator mounted (CNP055) (90%)	2	103	103	93	106	106	96
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
		Saw, Wire (CNP205) (70%)	2	99	99	94	102	102	97
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
				121	111	106	122	113	108

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S43									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1026 Excavation of Tunnel Tubes (under cover of traffic deck)#	Feb 2017 - Sept 2018	Generator (CNP101) (100%) Excavator/Loader, Wheeled/Tracked (CNP081) (80%) Rock drill, crawler mounted (pneumatic) (CNP181) (80%) Ventilation Fan (CNP241) (90%) Water Pump, Submersible (Electric) (CNP283) (100%)	10 5 5 10 12	88 91 107 108 65 110	75 78 87 108 65 108
1028 Piling Works for Cut and Cover Tunnel (under cover of traffic deck)#	May 2017 - Dec 2018	Concrete Lorry Mixer (CNP044) (60%) Concrete pump (CNP047) (80%) Generator (CNP101) (100%) Lorry (CNP141) (70%) Crane Mobile (CNP048) (70%) Bored Piling Crane mounted auger (BS D4-37) (90%) Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	3 1 6 2 4 6 2	87 88 88 110 90 91 90 111	87 88 75 103 79 91 77 104	87 88 75 -** 79 91 77 94	92 88 96 113 96 98 93 114	92 88 83 106 85 98 80 107	92 88 83 -** 85 98 80 100

Note:
Construction activities are under traffic deck or underground, therefore, -20dB(A) screening effect has adopted for PMEs, except ventilation fan will be located at grade.
**PME would only work at mucking out area.

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S44									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1023 Construct Northern Dwall and Traffic Deck - Piling for King Post	Feb 2017	Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Lorry (CNP141) (60%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Bored Piling Crane mounted auger (BS D4-37) (70%)	3	109	109	99	114	114	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
				117	111	103	119	115	106
1023 Construct Northern Dwall and Traffic Deck - Grouting for King Post	Mar 2017	Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
				111	111	105	113	113	106
1023 Construct Northern Dwall and Traffic Deck - Excavation for Diaphragm Walls	Mar 2017	Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	4	108	95	85	114	101	91
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	2	105	105	95	108	108	98
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				116	110	103	118	111	104
1023 Construct Northern Dwall and Traffic Deck - Concreting for Diaphragm Walls	Apr 2017	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
				110	110	103	112	112	106
1023 Construct Northern Dwall and Traffic Deck - Temporary Traffic Deck	May 2017	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	2	112	105	100	115	108	103
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
				116	107	101	118	109	104

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S45									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1023 Construct Northern Dwall and Traffic Deck - Piling for King Post	Feb 2017	Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Lorry (CNP141) (60%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Bored Piling Crane mounted auger (BS D4-37) (70%)	3	109	109	99	114	114	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
				117	111	103	119	115	106
1023 Construct Northern Dwall and Traffic Deck - Grouting for King Post	Mar 2017	Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
				111	111	105	113	113	106
1023 Construct Northern Dwall and Traffic Deck - Excavation for Diaphragm Walls	Mar 2017	Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	4	108	95	85	114	101	91
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	2	105	105	95	108	108	98
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				116	110	103	118	111	104
1023 Construct Northern Dwall and Traffic Deck - Concreting for Diaphragm Walls	Apr 2017	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
				110	110	103	112	112	106
1023 Construct Northern Dwall and Traffic Deck - Temporary Traffic Deck	May 2017	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	2	112	105	100	115	108	103
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	2	110	99	94	113	102	97
				116	107	101	118	109	104

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S46a									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1026 Excavation of Tunnel Tubes (under cover of traffic deck)#	Feb 2017 - Sept 2018	Generator (CNP101) (100%)	4	88	75	75	94	81	81
		Excavator/Loader, Wheeled/Tracked (CNP081) (80%)	2	91	78	78	94	81	81
		Rock drill, crawler mounted (pneumatic) (CNP181) (80%)	2	107	87	87	110	90	90
		Ventilation Fan (CNP241) (90%) #	4	108	108	93	114	114	99
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	65	65	65	71	71	71
				110	108	94	115	114	99
1028 Piling Works for Cut and Cover Tunnel (under cover of traffic deck)#	May 2017 - Dec 2018	Concrete Lorry Mixer (CNP044) (60%)	1	87	87	87	87	87	87
		Concrete pump (CNP047) (80%)	1	88	88	88	88	88	88
		Generator (CNP101) (100%)	2	88	75	75	91	78	78
		Lorry (CNP141) (70%)	1	110	103	-**	110	103	-**
		Crane Mobile (CNP048) (70%)	2	90	79	79	93	82	82
		Bored Piling Crane mounted auger (BS D4-37) (90%)	2	91	91	91	94	94	94
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	90	77	77	90	77	77
				111	104	94	111	104	96

Note:
Construction activities are under traffic deck or underground, therefore, -20dB(A) screening effect has adopted for PMEs, except ventilation fan will be located at grade.
**PME would only work at mucking out area.

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S46b									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1026 Excavation of Tunnel Tubes (under cover of traffic deck)#	Feb 2017 - Sept 2018	Generator (CNP101) (100%) Excavator/Loader, Wheeled/Tracked (CNP081) (80%) Rock drill, crawler mounted (pneumatic) (CNP181) (80%) Ventilation Fan (CNP241) (90%) # Water Pump, Submersible (Electric) (CNP283) (100%)	3 2 2 3 4	88 91 107 108 65 110	75 78 87 108 65 108
1028 Piling Works for Cut and Cover Tunnel (under cover of traffic deck)#	May 2017 - Dec 2018	Concrete Lorry Mixer (CNP044) (60%) Concrete pump (CNP047) (80%) Generator (CNP101) (100%) Lorry (CNP141) (70%) Crane Mobile (CNP048) (70%) Bored Piling Crane mounted auger (BS D4-37) (90%) Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1 1 2 1 1 2 1	87 88 88 110 90 91 90	87 88 75 103 79 91 77	87 88 75 -** 79 91 77	87 88 91 110 90 94 90	87 88 78 103 79 94 77	87 88 78 -** 79 94 77
				111	104	94	111	104	96

Note:
Construction activities are under traffic deck or underground, therefore, -20dB(A) screening effect has adopted for PMEs, except ventilation fan will be located at grade.
**PME would only work at mucking out area.

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S46c									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1026 Excavation of Tunnel Tubes (under cover of traffic deck)#	Feb 2017 - Sept 2018	Generator (CNP101) (100%)	3	88	75	75	93	80	80
		Excavator/Loader, Wheeled/Tracked (CNP081) (80%)	2	91	78	78	94	81	81
		Rock drill, crawler mounted (pneumatic) (CNP181) (80%)	1	107	87	87	107	87	87
		Ventilation Fan (CNP241) (90%) #	3	108	108	93	112	112	97
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	65	65	65	71	71	71
				110	108	94	114	112	98
1028 Piling Works for Cut and Cover Tunnel (under cover of traffic deck)#	May 2017 - Dec 2018	Concrete Lorry Mixer (CNP044) (60%)	1	87	87	87	87	87	87
		Concrete pump (CNP047) (80%)	1	88	88	88	88	88	88
		Generator (CNP101) (100%)	2	88	75	75	91	78	78
		Lorry (CNP141) (70%)	1	110	103	-**	110	103	-**
		Crane Mobile (CNP048) (70%)	1	90	79	79	90	79	79
		Bored Piling Crane mounted auger (BS D4-37) (90%)	2	91	91	91	94	94	94
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	90	77	77	90	77	77
				111	104	94	111	104	96

Note:
Construction activities are under traffic deck or underground, therefore, -20dB(A) screening effect has adopted for PMEs, except ventilation fan will be located at grade.
**PME would only work at mucking out area.

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S47a				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1029 Underpinning of Existing Bridges (under cover of traffic deck)#	Jul 2017 - Dec 2017	Dump Truck with Grab (CNP069) (70%)	1	103	103	-**	103	103	-**
		Generator (CNP101) (100%)	1	88	75	75	88	75	75
		Bar Bender and Cutter (CNP021) (70%)	1	68	68	68	68	68	68
		Concrete Lorry Mixer (CNP044) (60%)	1	87	87	87	87	87	87
		Concrete pump (CNP047) (80%)	1	88	88	88	88	88	88
		Crane Mobile (CNP048) (70%)	1	90	79	79	90	79	79
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	90	77	77	90	77	77
		Ventilation Fan (CNP241) (90%) #	1	108	108	93	108	108	93
		Water Pump, Submersible (Electric) (CNP283) (100%)	1	65	65	65	65	65	65
				109	109	95	109	109	95
1030 Construction of the Cut and Cover Tunnel (under cover of traffic deck)#	Apr 2017 - Jul 2019	Bar Bender and Cutter (CNP021) (60%)	1	68	68	68	68	68	68
		Concrete Lorry Mixer (CNP044) (60%)	1	87	87	87	87	87	87
		Concrete pump (CNP047) (80%)	1	88	88	88	88	88	88
		Dump Truck with Grab (CNP069) (70%)	1	103	103	-**	103	103	-**
		Generator (CNP101) (100%)	2	88	75	75	91	78	78
		Lorry (CNP141) (70%)	1	110	103	-**	110	103	-**
		Crane Mobile (CNP048) (70%)	1	90	79	79	90	79	79
		Poker, Vibratory, Hand Held (CNP170) (70%)	1	91	80	80	91	80	80
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	90	77	77	90	77	77
		Ventilation Fan (CNP241) (90%) #	4	108	108	93	114	114	99
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	65	65	65	71	71	71
				113	110	95	116	114	99

Note:
Construction activities are under traffic deck or underground, therefore, -20dB(A) screening effect has adopted for PMEs, except ventilation fan will be located at grade.
**PME would only work at mucking out area.

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S47b				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1029 Underpinning of Existing Bridges (under cover of traffic deck)#	Jul 2017 - Dec 2017	Dump Truck with Grab (CNP069) (70%)	1	103	103	-**	103	103	-**
		Generator (CNP101) (100%)	1	88	75	75	88	75	75
		Bar Bender and Cutter (CNP021) (70%)	1	68	68	68	68	68	68
		Concrete Lorry Mixer (CNP044) (60%)	1	87	87	87	87	87	87
		Concrete pump (CNP047) (80%)	1	88	88	88	88	88	88
		Crane Mobile (CNP048) (70%)	1	90	79	79	90	79	79
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	90	77	77	90	77	77
		Ventilation Fan (CNP241) (90%) #	1	108	108	93	108	108	93
		Water Pump, Submersible (Electric) (CNP283) (100%)	1	65	65	65	65	65	65
				109	109	95	109	109	95
1030 Construction of the Cut and Cover Tunnel (under cover of traffic deck)#	Apr 2017 - Jul 2019	Bar Bender and Cutter (CNP021) (60%)	1	68	68	68	68	68	68
		Concrete Lorry Mixer (CNP044) (60%)	1	87	87	87	87	87	87
		Concrete pump (CNP047) (80%)	1	88	88	88	88	88	88
		Dump Truck with Grab (CNP069) (70%)	1	103	103	-**	103	103	-**
		Generator (CNP101) (100%)	2	88	75	75	91	78	78
		Lorry (CNP141) (70%)	1	110	103	-**	110	103	-**
		Crane Mobile (CNP048) (70%)	1	90	79	79	90	79	79
		Poker, Vibratory, Hand Held (CNP170) (70%)	1	91	80	80	91	80	80
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	90	77	77	90	77	77
		Ventilation Fan (CNP241) (90%) #	4	108	108	93	114	114	99
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	65	65	65	71	71	71
				113	110	95	116	114	99

Note:
Construction activities are under traffic deck or underground, therefore, -20dB(A) screening effect has adopted for PMEs, except ventilation fan will be located at grade.
**PME would only work at mucking out area.

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S47c									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1029 Underpinning of Existing Bridges (under cover of traffic deck)#	Jul 2017 - Dec 2017	Dump Truck with Grab (CNP069) (70%)	1	103	103	-**	103	103	-**
		Generator (CNP101) (100%)	1	88	75	75	88	75	75
		Bar Bender and Cutter (CNP021) (70%)	1	68	68	68	68	68	68
		Concrete Lorry Mixer (CNP044) (60%)	1	87	87	87	87	87	87
		Concrete pump (CNP047) (80%)	1	88	88	88	88	88	88
		Crane Mobile (CNP048) (70%)	1	90	79	79	90	79	79
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	90	77	77	90	77	77
		Ventilation Fan (CNP241) (90%) #	1	108	108	93	108	108	93
		Water Pump, Submersible (Electric) (CNP283) (100%)	1	65	65	65	65	65	65
				109	109	95	109	109	95
1030 Construction of the Cut and Cover Tunnel (under cover of traffic deck)#	Apr 2017 - Jul 2019	Bar Bender and Cutter (CNP021) (60%)	1	68	68	68	68	68	68
		Concrete Lorry Mixer (CNP044) (60%)	1	87	87	87	87	87	87
		Concrete pump (CNP047) (80%)	1	88	88	88	88	88	88
		Dump Truck with Grab (CNP069) (70%)	1	103	103	-**	103	103	-**
		Generator (CNP101) (100%)	2	88	75	75	91	78	78
		Lorry (CNP141) (70%)	1	110	103	-**	110	103	-**
		Crane Mobile (CNP048) (70%)	1	90	79	79	90	79	79
		Poker, Vibratory, Hand Held (CNP170) (70%)	1	91	80	80	91	80	80
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	90	77	77	90	77	77
		Ventilation Fan (CNP241) (90%) #	4	108	108	93	114	114	99
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	65	65	65	71	71	71
				113	110	95	116	114	99

Note:
Construction activities are under traffic deck or underground, therefore, -20dB(A) screening effect has adopted for PMEs, except ventilation fan will be located at grade.
**PME would only work at mucking out area.

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S48				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1032 Construct Ferry Street Subway	Aug 2018 - Nov 2018	Compactor, vibratory (CNP050) (70%)	3	103	103	98	108	108	103
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Water Pump, Submersible (Electric) (CNP283) (100%)	2	85	85	85	88	88	88
						113	107	102	115

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S49				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1029 Underpinning of Existing Bridges (under cover of traffic deck)#	Jul 2017 - Dec 2017	Generator (CNP101) (100%)	1	88	75
		Bar Bender and Cutter (CNP021) (70%)	1	68	68	68	68	68	68
		Dump Truck with Grab (CNP069) (70%)	1	103	103	-**	103	103	-**
		Concrete Lorry Mixer (CNP044) (60%)	1	87	87	87	87	87	87
		Concrete pump (CNP047) (80%)	1	88	88	88	88	88	88
		Crane Mobile (CNP048) (70%)	1	90	79	79	90	79	79
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	90	77	77	90	77	77
		Ventilation Fan (CNP241) (90%) #	1	108	108	93	108	108	93
		Water Pump, Submersible (Electric) (CNP283) (100%)	1	65	65	65	65	65	65
				109	109	95	109	109	95

Note:
Construction activities are under traffic deck or underground, therefore, -20dB(A) screening effect has adopted for PMEs, except ventilation fan will be located at grade.
**PME would only work at mucking out area.

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S50a				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1034 Foundation (west side) for noise enclosure on GRF Flyover (Ferry Street Section)	Sep 2018 - Nov 2018	Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101
		Crane Mobile (CNP048) (60%)	3	110	99	94	115	104	99
		Bored Piling Crane mounted auger (BS D4-37) (80%)	2	110	110	100	113	113	103
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Compactor, vibratory (CNP050) (70%)	3	103	103	98	108	108	103
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
				118	115	108	121	117	110
1034 Construct noise barriers and noise enclosure on GRF Flyover (Ferry Street Section) and along Ting Ping Street	Jun 2019 - Dec 2019	Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
						115	105	100	115

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S50b				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1034 Foundation (west side) for noise enclosure on GRF Flyover (Ferry Street Section)	Dec 2018 - Feb 2019	Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101
		Crane Mobile (CNP048) (60%)	3	110	99	94	115	104	99
		Bored Piling Crane mounted auger (BS D4-37) (80%)	2	110	110	100	113	113	103
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Compactor, vibratory (CNP050) (70%)	3	103	103	98	108	108	103
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
				118	115	108	121	117	110
1034 Construct noise barriers and noise enclosure on GRF Flyover (Ferry Street Section) and along Ting Ping Street	Jun 2019 - Dec 2019	Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
						115	105	100	115

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S50c				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1034 Foundation (west side) for noise enclosure on GRF Flyover (Ferry Street Section)	Mar 2019 - May 2019	Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Generator (CNP101) (100%)	3	108	95	85	113	100	90
		Lorry (CNP141) (70%)	2	110	103	98	113	106	101
		Crane Mobile (CNP048) (60%)	3	110	99	94	115	104	99
		Bored Piling Crane mounted auger (BS D4-37) (80%)	2	110	110	100	113	113	103
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	97	92	113	100	95
		Compactor, vibratory (CNP050) (70%)	3	103	103	98	108	108	103
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
				118	115	108	121	117	110
1034 Construct noise barriers and noise enclosure on GRF Flyover (Ferry Street Section) and along Ting Ping Street	Jun 2019 - Dec 2019	Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
				115	105	100	115	105	100

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S50d				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Road works for re-align Ferry Street at-grade road	Sept 2018 - Feb 2019	Asphalt Paver (CNP004) (80%)	1	108	103	98	108	103	98
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Poker, Vibratory, Hand Held (CNP170) (70%)	1	111	100	95	111	100	95
		Road Roller (CNP185) (80%)	1	107	96	91	107	96	91
		Bored Piling Crane mounted auger (BS D4-37) (80%)	1	110	110	100	110	110	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				119	115	107	119	115	107

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S51				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				1033 Demolish the Existing Ferry Street Subway	Dec 2018 - Feb 2019	Breaker, Excavator Mounted (Hydraulic) (CNP028) (50%)	1	119	107
		Dump Truck with Grab (CNP069) (70%)	2	103	103	98	106	106	101
		Concrete crusher, excavator mounted (CNP055) (80%)	1	102	102	92	102	102	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Saw, Wire (CNP205) (70%)	1	99	99	94	99	99	94
				120	110	105	120	111	106

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S52				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1024 Construct Northern Dwall and Traffic Deck (cross road sections) - Excavation for Diaphragm Walls	Jun 2017	Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				116	110	103	116	110	103
1024 Construct Northern Dwall and Traffic Deck (cross road sections) - Concreting for Diaphragm Walls	Jul 2017	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
					110	110	103	110	110
1024 Construct Northern Dwall and Traffic Deck (cross road sections) - Temporary Traffic Deck	Aug 2017	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
					116	107	101	116	107

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S53				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1024 Construct Northern Dwall and Traffic Deck (cross road sections) - Excavation for Diaphragm Walls	Jun 2017	Dump Truck with Grab (CNP069) (70%)	1	103	103	98	103	103	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Lorry (CNP141) (70%)	1	110	103	98	110	103	98
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (90%)	1	105	105	95	105	105	95
		Excavator/Loader, Wheeled/Tracked (CNP081) (60%)	1	110	97	92	110	97	92
				116	110	103	116	110	103
1024 Construct Northern Dwall and Traffic Deck (cross road sections) - Concreting for Diaphragm Walls	Jul 2017	Bar Bender and Cutter (CNP021) (70%)	1	88	88	88	88	88	88
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
					110	110	103	110	110
1024 Construct Northern Dwall and Traffic Deck (cross road sections) - Temporary Traffic Deck	Aug 2017	Generator (CNP101) (70%)	1	106	93	83	106	93	83
		Lorry (CNP141) (90%)	1	112	105	100	112	105	100
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
					116	107	101	116	107

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S55a				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1025 Reinstate the affected roads and footpaths	Sept 2017 - Oct 2017	Asphalt Paver (CNP004) (80%)	1	108	103	98	108	103	98
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Poker, Vibratory, Hand Held (CNP170) (60%)	2	111	100	95	114	103	98
		Road Roller (CNP185) (70%)	1	106	95	90	106	95	90
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				117	110	105	118	110	105
1035 Road works for Section between Ferry Street and Nathan Road	Dec 2019 - May 2020	Asphalt Paver (CNP004) (80%)	1	108	103	98	108	103	98
		Concrete Lorry Mixer (CNP044) (60%)	2	107	107	102	110	110	105
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Poker, Vibratory, Hand Held (CNP170) (70%)	2	111	100	95	114	103	98
		Road Roller (CNP185) (80%)	1	107	96	91	107	96	91
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94		
				118	112	106	120	114	108

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S55b				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1025 Reinstate the affected roads and footpaths	Sept 2017 - Oct 2017	Asphalt Paver (CNP004) (80%)	1	108	103	98	108	103	98
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Poker, Vibratory, Hand Held (CNP170) (60%)	1	111	100	95	111	100	95
		Road Roller (CNP185) (70%)	1	106	95	90	106	95	90
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
		Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94
				117	110	105	117	110	105
1035 Road works for Section between Ferry Street and Nathan Road	Dec 2019 - May 2020	Asphalt Paver (CNP004) (80%)	1	108	103	98	108	103	98
		Concrete Lorry Mixer (CNP044) (60%)	1	107	107	102	107	107	102
		Concrete pump (CNP047) (80%)	1	108	108	98	108	108	98
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Poker, Vibratory, Hand Held (CNP170) (70%)	1	111	100	95	111	100	95
		Road Roller (CNP185) (80%)	1	107	96	91	107	96	91
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	110	97	92	110	97	92
Crane Mobile (CNP048) (70%)	1	110	99	94	110	99	94		
				118	112	106	118	112	106

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S56a									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1030 Construction of the Cut and Cover Tunnel (under cover of traffic deck)#	Apr 2017 - Jul 2019	Bar Bender and Cutter (CNP021) (60%)	1	68	68	68	68	68	68
		Concrete Lorry Mixer (CNP044) (60%)	2	87	87	87	90	90	90
		Concrete pump (CNP047) (80%)	1	88	88	88	88	88	88
		Dump Truck with Grab (CNP069) (70%)	1	103	103	-**	103	103	-**
		Generator (CNP101) (100%)	3	88	75	75	93	80	80
		Lorry (CNP141) (70%)	2	110	103	-**	113	106	-**
		Crane Mobile (CNP048) (70%)	1	90	79	79	90	79	79
		Poker, Vibratory, Hand Held (CNP170) (70%)	1	91	80	80	91	80	80
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	90	77	77	90	77	77
		Ventilation Fan (CNP241) (90%) #	6	108	108	93	115	115	100
		Water Pump, Submersible (Electric) (CNP283) (100%)	6	65	65	65	73	73	73
				113	110	95	118	116	101
1031 Backfilling on Top of Cut and Cover Tunnel (under cover of traffic deck)#	Aug 2019 - Nov 2019	Compactor, vibratory (CNP050) (70%)	1	83	83	83	83	83	83
		Generator (CNP101) (100%)	2	88	75	75	91	78	78
		Dump Truck with Grab (CNP069) (70%)	2	103	103	-**	106	106	-**
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	90	77	77	93	80	80
		Road Roller (CNP185) (80%)	1	87	76	76	87	76	76
				104	104	85	107	107	86

Note:
Construction activities are under traffic deck or underground, therefore, -20dB(A) screening effect has adopted for PMEs, except ventilation fan will be located at grade.
**PME would only work at mucking out area.

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S56b									
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
1030 Construction of the Cut and Cover Tunnel (under cover of traffic deck)#	Apr 2017 - Jul 2019	Bar Bender and Cutter (CNP021) (60%)	1	68	68	68	68	68	68
		Concrete Lorry Mixer (CNP044) (60%)	2	87	87	87	90	90	90
		Concrete pump (CNP047) (80%)	1	88	88	88	88	88	88
		Dump Truck with Grab (CNP069) (70%)	1	103	103	-**	103	103	-**
		Generator (CNP101) (100%)	3	88	75	75	93	80	80
		Lorry (CNP141) (70%)	2	110	103	-**	113	106	-**
		Crane Mobile (CNP048) (70%)	1	90	79	79	90	79	79
		Poker, Vibratory, Hand Held (CNP170) (70%)	1	91	80	80	91	80	80
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	90	77	77	90	77	77
		Ventilation Fan (CNP241) (90%) #	6	108	108	93	115	115	100
		Water Pump, Submersible (Electric) (CNP283) (100%)	6	65	65	65	73	73	73
				113	110	95	118	116	101
1031 Backfilling on Top of Cut and Cover Tunnel (under cover of traffic deck)#	Aug 2019 - Nov 2019	Compactor, vibratory (CNP050) (70%)	1	83	83	83	83	83	83
		Generator (CNP101) (100%)	1	88	75	75	88	75	75
		Dump Truck with Grab (CNP069) (70%)	2	103	103	-**	106	106	-**
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	1	90	77	77	90	77	77
		Road Roller (CNP185) (80%)	1	87	76	76	87	76	76
				104	104	85	107	106	85

Note:
Construction activities are under traffic deck or underground, therefore, -20dB(A) screening effect has adopted for PMEs, except ventilation fan will be located at grade.
**PME would only work at mucking out area.

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S57				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
2001 Site Establishment, Utility Diversion and Mobilization of Plant	Jan 2015 - Jul 2015	Air Compressor (CNP003) (70%)	1	102	102	92	102	102	92
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (70%)	3	120	108	103	125	113	108
		Dump Truck with Grab (CNP069) (50%)	2	102	102	97	105	105	100
		Lorry (CNP141) (50%)	1	109	102	97	109	102	97
		Saw, Wire (CNP205) (70%)	2	99	99	94	102	102	97
		Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	1	112	99	94	112	99	94
				121	111	106	126	115	110
2101 Diaphragm Walls Construction and Shaft Excavation - Bored Piling Works (Underground)#	Jan 2015 - Apr 2016	Bar Bender and Cutter (CNP021) (50%)	2	67	67	67	70	70	70
		Concrete Lorry Mixer (CNP044) (70%)	1	87	87	87	87	87	87
		Concrete pump (CNP047) (70%)	1	87	87	87	87	87	87
		Dump Truck with Grab (CNP069) (50%)	1	87	87	87	87	87	87
		Generator (CNP101) (100%)	3	88	75	75	93	80	80
		Lorry (CNP141) (50%)	1	94	87	87	94	87	87
		Crane Mobile (CNP048) (50%)	1	89	78	78	89	78	78
		Piling, large dia bored, oscillator (CNP165) (100%)	2	95	95	95	98	98	98
		Poker, Vibratory, Hand Held (CNP170) (70%)	2	91	80	80	94	83	83
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	1	89	76	76	89	76	76
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	65	65	65	71	71	71
				100	97	97	102	99	99
2101 Diaphragm Walls Construction and Shaft Excavation - Diaphragm Walls (Underground)#	Jan 2015 - Apr 2016	Bar Bender and Cutter (CNP021) (70%)	2	68	68	88	71	71	91
		Concrete Lorry Mixer (CNP044) (50%)	2	86	86	86	89	89	89
		Concrete pump (CNP047) (50%)	2	86	86	86	89	89	89
		Dump Truck with Grab (CNP069) (50%)	1	87	87	87	87	87	87
		Generator (CNP101) (100%)	4	88	75	75	94	81	81
		Lorry (CNP141) (50%)	1	94	87	87	94	87	87
		Crane Mobile (CNP048) (70%)	1	90	79	79	90	79	79
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP 162) (100%)	1	85	85	85	85	85	85
		Poker, Vibratory, Hand Held (CNP170) (50%)	2	90	79	79	93	82	82
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	1	89	76	76	89	76	76
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	65	65	65	71	71	71
				99	94	95	101	95	97
2101 Diaphragm Walls Construction and Shaft Excavation - Excavation of Access Shaft (Underground)#	Jan 2015 - Apr 2016	Breaker, Excavator Mounted (Hydraulic) (CNP028) (70%)	1	100	88	88	100	88	88
		Dump Truck with Grab (CNP069) (50%)	4	87	87	87	93	93	93
		Generator (CNP101) (100%)	3	88	75	75	93	80	80
		Lorry (CNP141) (50%)	1	94	87	87	94	87	87
		Tracked crane (CNP048) (70%)	1	90	79	79	90	79	79
		Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	3	92	79	79	97	84	84
		Water Pump, Submersible (Electric) (CNP283) (100%)	8	65	65	65	74	74	74
						102	93	93	104

Project : Central Kowloon Route
Title : Plant Inventory
Subtitle : West Portion

CKR - West Portion				SWL of Single PME			Total SWL		
Worksite S57									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
2102 Non-blast Tunnelling - Drilling Charge Hole, Mucking Out and Scaling (Underground)#	May 2016 - Dec 2018	Breaker, Excavator Mounted (Hydraulic) (CNP028) (50%)	2	99	87	87	102	90	90
		Dump Truck with Grab (CNP069) (70%)	4	88	88	88	94	94	94
		Lorry (CNP141) (70%)	4	95	88	88	101	94	94
		Rock Drill (CNP182) (70%)	4	101	86	86	107	92	92
		Tracked crane (BS D7-114) (70%)	3	79	79	79	84	84	84
		Ventilation Fan (CNP241) (100%) #	4	108	108	93	114	114	99
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	65	65	65	71	71	71
		Rock Crusher (40%)*	1	94	94	94	94	94	94
				110	108	98	115	114	103
2102 Non-blast Tunnelling - Rock Bolting & Shotcreting (Underground)#	May 2016 - Dec 2018	Grout mixer and pump (BS D6-13) (70%)	2	86	83	103	89	86	106
		Rock Drill (CNP182) (70%)	4	101	86	86	107	92	92
		Ventilation Fan (CNP241) (100%) #	4	108	108	93	114	114	99
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	65	65	65	71	71	71
		Rock Crusher (40%)*	1	94	94	94	94	94	94
				109	108	104	115	114	108
2103 Constructions of Tunnel Lining (Underground)#	Dec 2018 - Jan 2019	Bar Bender and Cutter (CNP021) (100%)	4	70	70	70	76	76	76
		Concrete Lorry Mixer (CNP044) (70%)	3	87	87	87	92	92	92
		Concrete pump (CNP047) (70%)	2	87	87	87	90	90	90
		Generator (CNP101) (100%)	4	88	75	75	94	81	81
		Poker, Vibratory, Hand Held (CNP170) (70%)	3	91	80	80	96	85	85
		Saw, Concrete (CNP203) (50%)	2	92	92	92	95	95	95
		Ventilation Fan (CNP241) (100%) #	4	108	108	93	114	114	99
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	65	65	65	71	71	71
						108	108	97	114
2104 Construction of Road Slab (Underground)#	Mar 2019 - Apr 2019	Bar Bender and Cutter (CNP021) (100%)	2	70	70	70	73	73	73
		Concrete Lorry Mixer (CNP044) (70%)	2	87	87	87	90	90	90
		Concrete pump (CNP047) (70%)	2	87	87	87	90	90	90
		Generator (CNP101) (100%)	2	88	75	75	91	78	78
		Crane Mobile (CNP048) (100%)	1	92	81	81	92	81	81
		Poker, Vibratory, Hand Held (CNP170) (100%)	2	93	82	82	96	85	85
		Saw, Circular Wood (CNP201) (50%)	2	85	83	83	88	86	86
		Water Pump, Submersible (Electric) (CNP283) (100%)	4	65	65	65	71	71	71
				98	92	92	100	95	95

Note:

* Rock Crusher placed at underground, -20dB(A) has adopted for the screening effect.

Construction activities are under traffic deck or underground, therefore, -20dB(A) screening effect has adopted for PMEs, except ventilation fan will be located at grade.

Activity for Dump Truck with Grab and Lorry are taken in mucking out area, noise enclosure will be provided, -15dB(A) screening effect has adopted.