

Project : SCL - Tai Wai to Hung Hom Section
Title : Plant Inventory

TKW				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	
Mobilization & Site Setup	Jun 2012	Air Compressor (CNP003) (50%)	3	101	100	90	106	105	95	
		Hand Held Breaker (CNP025) (50%)	3	108	103	98	113	108	103	
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	3	109	103	98	114	108	103	
		Poker, Vibratory, Hand Held (CNP170) (50%)	3	110	95	90	115	100	95	
		Crane Mobile (CNP048) (25%)	2	106	95	90	109	98	93	
		Generator (Silenced) (CNP103) (50%)	2	92	92	82	95	95	85	
		Dump Truck (CNP067) (25%)	2	111	98	93	114	101	96	
					116	108	102	120	113	107
	Jul 2012	Air Compressor (CNP003) (50%)	3	101	100	90	106	105	95	
		Hand Held Breaker (CNP025) (50%)	3	108	103	98	113	108	103	
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (50%)	2	119	107	102	122	110	105	
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	3	109	103	98	114	108	103	
		Poker, Vibratory, Hand Held (CNP170) (50%)	3	110	95	90	115	100	95	
		Crane Mobile (CNP048) (25%)	2	106	95	90	109	98	93	
		Generator (Silenced) (CNP103) (50%)	2	92	92	82	95	95	85	
	Dump Truck (CNP067) (25%)	2	111	98	93	114	101	96		
					121	111	105	124	114	109
	Aug 2012	Air Compressor (CNP003) (50%)	3	101	100	90	106	105	95	
		Hand Held Breaker (CNP025) (50%)	3	108	103	98	113	108	103	
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (50%)	2	119	107	102	122	110	105	
		Excavator/Loader, Wheeled/Tracked (CNP081) (50%)	5	109	103	98	116	110	105	
		Poker, Vibratory, Hand Held (CNP170) (50%)	5	110	95	90	117	102	97	
		Crane Mobile (CNP048) (25%)	2	106	95	90	109	98	93	
		Generator (Silenced) (CNP103) (50%)	2	92	92	82	95	95	85	
Dump Truck (CNP067) (25%)	2	111	98	93	114	101	96			
				121	111	105	125	115	110	
Box Culvert Diversions - North East End of Site	Mar 2013	Giken Pile Rig (70%)	2	99	99	94	102	102	97	
		Hand Held Breaker (CNP025) (20%)	1	104	99	94	104	99	94	
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (20%)	1	115	103	98	115	103	98	
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	104	99	113	107	102	
		Generator (Silenced) (CNP103) (70%)	1	93	93	83	93	93	83	
		Dump Truck (CNP067) (70%)	2	115	102	97	118	105	100	
					119	109	104	121	111	106
	Apr 2013 - Feb 2014	Giken Pile Rig (70%)	2	99	99	94	102	102	97	
		Hand Held Breaker (CNP025) (20%)	1	104	99	94	104	99	94	
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (20%)	1	115	103	98	115	103	98	
		Excavator/Loader, Wheeled/Tracked (CNP081) (70%)	2	110	104	99	113	107	102	
		Compactor, vibratory (CNP050) (20%)	1	98	98	93	98	98	93	
		Poker, Vibratory, Hand Held (CNP170) (10%)	3	103	88	83	108	93	88	
		Crane Mobile (CNP048) (10%)	1	102	91	86	102	91	86	
Generator (Silenced) (CNP103) (70%)		1	93	93	83	93	93	83		
Bar Bender and Cutter (CNP021) (20%)	1	83	83	83	83	83	83			
Dump Truck (CNP067) (70%)	2	115	102	97	118	105	100			
				119	110	105	121	112	107	

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TKW				SWL of Single PME			Total SWL		
Worksite S1									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Grouting/Dewatering - Around Perimeter of Site	Sept 2012 - Nov 2012 Dec 2013 - Feb 2014.	Grout Mixer (CNP105) (50%)	4	87	87	82	93	93	88
		Grout Pump (CNP106) (50%)	4	102	102	97	108	108	103
		Dump Truck (CNP067) (50%)	2	114	101	96	117	104	99
				114	105	100	118	110	105
	Sept 2012 - Nov 2012 Mar 2013 - May 2013	Drill Rig, Rotary Type (Diesel) (CNP072) (50%)	4	107	107	102	113	113	108
			107	107	102	113	113	108	
Sept 2012 - May 2015	Water pump (CNP281) (Electric) (100%) Generator (Silenced) (CNP103) (80%)	10	88	88	88	98	98	98	
		4	94	94	84	100	100	90	
			95	95	89	102	102	99	
Jun 2015 - Aug 2016	Water pump (CNP281) (Electric) (50%) Generator (Silenced) (CNP103) (80%)	5	85	85	85	92	92	92	
		2	94	94	84	97	97	87	
			95	95	88	98	98	93	
ELS - South West End of site	Sept 2012 - Dec 2012	Giken Pile Rig (5%)	1	88	88	83	88	88	83
		Piling Rig and Drilling Rig (CNP167) (70%)	5	112	107	97	119	114	104
		Piling, Large Diameter Bored, Grab and Chisel (CNP164) (70%)	2	113	103	93	116	106	96
		Hand Held Breaker (CNP025) (20%)	2	104	99	94	107	102	97
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (20%)	1	115	103	98	115	103	98
		Excavator/Loader, Wheeled/Tracked (CNP081) (80%)	2	111	105	100	114	108	103
		Generator (Silenced) (CNP103) (80%)	2	94	94	84	97	97	87
		Dump Truck (CNP067) (80%)	2	116	103	98	119	106	101
			121	112	105	124	117	109	
Open Excavation - South West End of Site	Jan 2013	Hand Held Breaker (CNP025) (20%)	2	104	99	94	107	102	97
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	8	112	106	101	121	115	110
		Air Compressor (CNP003) (50%)	2	101	100	90	104	103	93
		Dump Truck (CNP067) (90%)	10	117	104	99	127	114	109
				118	109	103	128	117	112
	Feb 2013 - Jun 2013	Hand Held Breaker (CNP025) (20%)	2	104	99	94	107	102	97
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	8	112	106	101	121	115	110
		Crane Mobile (CNP048) (30%)	1	107	96	91	107	96	91
		Welder/Generator, portable (CNP107) (50%)	1	97	97	92	97	97	92
		Air Compressor (CNP003) (50%)	2	101	100	90	104	103	93
Dump Truck (CNP067) (90%)		10	117	104	99	127	114	109	
			118	109	104	128	117	112	
Open Excavation - North East End of Site	Mar 2014 - Oct 2014	Hand Held Breaker (CNP025) (20%)	2	104	99	94	107	102	97
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	6	112	106	101	119	113	108
		Air Compressor (CNP003) (50%)	2	101	100	90	104	103	93
		Dump Truck (CNP067) (90%)	10	117	104	99	127	114	109
				118	109	103	127	117	112
	Nov 2014	Hand Held Breaker (CNP025) (20%)	2	104	99	94	107	102	97
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	4	112	106	101	118	112	107
		Air Compressor (CNP003) (50%)	2	101	100	90	104	103	93
		Dump Truck (CNP067) (90%)	10	117	104	99	127	114	109
					118	109	103	127	116
				118	109	103	127	116	111

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TKW				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	
Structure - South West End of Site	July 2013 - Feb 2014	Concrete pump (CNP047) (20%)	2	102	100	95	105	103	98	
		Air Compressor (CNP003) (20%)	4	97	96	86	103	102	92	
		Generator (Silenced) (CNP103) (60%)	4	93	93	83	99	99	89	
		Poker, Vibratory, Hand Held (CNP170) (10%)	6	103	88	83	111	96	91	
		Bar Bender and Cutter (CNP021) (30%)	3	85	85	85	90	90	90	
		Tower Crane (CNP049) (80%)	2	94	94	94	97	97	97	
		Dump Truck (CNP067) (90%)	2	117	104	99	120	107	102	
					117	106	101	120	110	105
	Mar 2014 - Apr 2014	Concrete pump (CNP047) (20%)	2	102	100	95	105	103	98	
		Air Compressor (CNP003) (20%)	4	97	96	86	103	102	92	
		Generator (Silenced) (CNP103) (60%)	4	93	93	83	99	99	89	
		Poker, Vibratory, Hand Held (CNP170) (10%)	6	103	88	83	111	96	91	
		Bar Bender and Cutter (CNP021) (30%)	3	85	85	85	90	90	90	
		Tower Crane (CNP049) (80%)	2	94	94	94	97	97	97	
		Ventilation Fan (CNP241) (100%)	3	108	108	98	113	113	103	
	Dump Truck (CNP067) (90%)	2	117	104	99	120	107	102		
					117	110	103	121	115	107
	Dec 2014 - Apr 2015	Concrete pump (CNP047) (20%)	2	102	100	95	105	103	98	
		Air Compressor (CNP003) (20%)	4	97	96	86	103	102	92	
		Generator (Silenced) (CNP103) (60%)	4	93	93	83	99	99	89	
		Poker, Vibratory, Hand Held (CNP170) (10%)	6	103	88	83	111	96	91	
		Bar Bender and Cutter (CNP021) (30%)	3	85	85	85	90	90	90	
		Tower Crane (CNP049) (80%)	2	94	94	94	97	97	97	
		Ventilation Fan (CNP241) (100%)	3	108	108	98	113	113	103	
Dump Truck (CNP067) (90%)	2	117	104	99	120	107	102			
				117	110	103	121	115	107	
May 2015 - Jan 2016	Concrete pump (CNP047) (20%)	1	102	100	95	102	100	95		
	Air Compressor (CNP003) (20%)	1	97	96	86	97	96	86		
	Generator (Silenced) (CNP103) (60%)	1	93	93	83	93	93	83		
	Poker, Vibratory, Hand Held (CNP170) (10%)	2	103	88	83	106	91	86		
	Bar Bender and Cutter (CNP021) (30%)	1	85	85	85	85	85	85		
	Tower Crane (CNP049) (80%)	1	94	94	94	94	94	94		
	Ventilation Fan (CNP241) (100%)	1	108	108	98	108	108	98		
Dump Truck (CNP067) (90%)	2	117	104	99	120	107	102			
				117	110	103	120	111	104	

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TKW				SWL of Single PME			Total SWL			
Worksite S1										
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Station Fit Out	Jan 2015	Air Compressor (CNP003) (80%)	2	103	102	92	106	105	95	
		Generator (Silenced) (CNP103) (100%)	2	95	95	85	98	98	88	
		Ventilation Fan (CNP241) (100%)	2	108	108	98	111	111	101	
		Tower Crane (CNP049) (80%)	2	94	94	94	97	97	97	
		Dump Truck (CNP067) (80%)	1	116	103	98	116	103	98	
					117	110	102	118	113	104
	Feb 2015 - Mar 2016	Air Compressor (CNP003) (80%)	4	103	102	92	109	108	98	
		Generator (Silenced) (CNP103) (100%)	4	95	95	85	101	101	91	
		Ventilation Fan (CNP241) (100%)	3	108	108	98	113	113	103	
		Tower Crane (CNP049) (80%)	2	94	94	94	97	97	97	
		Dump Truck (CNP067) (80%)	1	116	103	98	116	103	98	
					117	110	102	118	115	106
	Apr 2016 - Aug 2016	Air Compressor (CNP003) (80%)	4	103	102	92	109	108	98	
		Generator (Silenced) (CNP103) (100%)	4	95	95	85	101	101	91	
		Ventilation Fan (CNP241) (100%)	3	108	108	98	113	113	103	
		Tower Crane (CNP049) (80%)	1	94	94	94	94	94	94	
Dump Truck (CNP067) (80%)		1	116	103	98	116	103	98		
				117	110	102	118	115	105	
Sept 2016 - Jun 2017	Air Compressor (CNP003) (80%)	2	103	102	92	106	105	95		
	Generator (Silenced) (CNP103) (100%)	2	95	95	85	98	98	88		
	Ventilation Fan (CNP241) (100%)	2	108	108	98	111	111	101		
	Dump Truck (CNP067) (80%)	1	116	103	98	116	103	98		
				117	110	102	118	113	104	

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TKW - Adit B Phase 1				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
Adit B Phase 1	Sept 2012 - Jan 2013	Giken Pile Rig (90%)	3	101	101	96	105	105	100
		Hand Held Breaker (CNP025) (20%)	3	104	99	94	109	104	99
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (40%)	2	118	106	101	121	109	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	1	112	106	101	112	106	101
		Poker, Vibratory, Hand Held (CNP170) (10%)	2	103	88	83	106	91	86
		Crane Mobile (CNP048) (30%)	1	107	96	91	107	96	91
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Bar Bender and Cutter (CNP021) (60%)	1	88	88	88	88	88	88
		Dump Truck (CNP067) (100%)	1	117	104	99	117	104	99
						121	111	106	123

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TKW - Adit B Phase 2				SWL of Single PME			Total SWL		
Worksite S3				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Adit B - Phase 2	Feb 2013 - May 2013	Giken Pile Rig (90%)	3	101	101	96	105	105	100
		Hand Held Breaker (CNP025) (20%)	3	104	99	94	109	104	99
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (40%)	2	118	106	101	121	109	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	1	112	106	101	112	106	101
		Poker, Vibratory, Hand Held (CNP170) (10%)	2	103	88	83	106	91	86
		Crane Mobile (CNP048) (30%)	1	107	96	91	107	96	91
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Bar Bender and Cutter (CNP021) (60%)	1	88	88	88	88	88	88
		Dump Truck (CNP067) (100%)	1	117	104	99	117	104	99
						121	111	106	123

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TKW - Adit B Phase 3				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
Adit B - Phase 3	Jun 2013 - Nov 2013	Giken Pile Rig (90%)	3	101	101	96	105	105	100
		Hand Held Breaker (CNP025) (20%)	3	104	99	94	109	104	99
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (40%)	2	118	106	101	121	109	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	1	112	106	101	112	106	101
		Poker, Vibratory, Hand Held (CNP170) (10%)	2	103	88	83	106	91	86
		Crane Mobile (CNP048) (30%)	1	107	96	91	107	96	91
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Bar Bender and Cutter (CNP021) (60%)	1	88	88	88	88	88	88
		Dump Truck (CNP067) (100%)	1	117	104	99	117	104	99
						121	111	106	123

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TKW - Adit B Phase 4				SWL of Single PME			Total SWL		
Worksite S5									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Adit B - Phase 4	Oct 2013 - Aug 2014	Giken Pile Rig (90%)	3	101	101	96	105	105	100
		Hand Held Breaker (CNP025) (20%)	3	104	99	94	109	104	99
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (40%)	2	118	106	101	121	109	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	1	112	106	101	112	106	101
		Poker, Vibratory, Hand Held (CNP170) (10%)	2	103	88	83	106	91	86
		Crane Mobile (CNP048) (30%)	1	107	96	91	107	96	91
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Bar Bender and Cutter (CNP021) (60%)	1	88	88	88	88	88	88
		Dump Truck (CNP067) (100%)	1	117	104	99	117	104	99
						121	111	106	123
Adit B - Reinstatement of Roundabout	Sept 2015 - Dec 2015	Hand Held Breaker (CNP025) (60%)	3	109	104	99	114	109	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	2	112	106	101	115	109	104
		Crane Mobile (CNP048) (20%)	1	105	94	89	105	94	89
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Dump Truck (CNP067) (90%)	2	117	104	99	120	107	102
				118	109	104	122	113	108

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TKW - Adit B Phase 5				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
Adit B - Phase 5	Aug 2014 - Nov 2014	Giken Pile Rig (90%)	3	101	101	96	105	105	100
		Hand Held Breaker (CNP025) (20%)	3	104	99	94	109	104	99
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (40%)	2	118	106	101	121	109	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	1	112	106	101	112	106	101
		Poker, Vibratory, Hand Held (CNP170) (10%)	2	103	88	83	106	91	86
		Crane Mobile (CNP048) (30%)	1	107	96	91	107	96	91
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Bar Bender and Cutter (CNP021) (60%)	1	88	88	88	88	88	88
		Dump Truck (CNP067) (100%)	1	117	104	99	117	104	99
				121	111	106	123	113	108

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TKW - Adit B Phase 6				SWL of Single PME			Total SWL		
Worksite S7				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Adit B - Phase 6	Dec 2014 - Aug 2015	Giken Pile Rig (90%)	3	101	101	96	105	105	100
		Hand Held Breaker (CNP025) (20%)	3	104	99	94	109	104	99
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (40%)	2	118	106	101	121	109	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	1	112	106	101	112	106	101
		Poker, Vibratory, Hand Held (CNP170) (10%)	2	103	88	83	106	91	86
		Crane Mobile (CNP048) (30%)	1	107	96	91	107	96	91
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Bar Bender and Cutter (CNP021) (60%)	1	88	88	88	88	88	88
		Dump Truck (CNP067) (100%)	1	117	104	99	117	104	99
				121	111	106	123	113	108

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TKW - Adit C Phase 1				SWL of Single PME			Total SWL		
Worksite S8									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Adit C - Phase 1	Sept 2012 - July 2013	Giken Pile Rig (90%)	2	101	101	96	104	104	99
		Hand Held Breaker (CNP025) (20%)	2	104	99	94	107	102	97
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (40%)	1	118	106	101	118	106	101
		Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	1	112	106	101	112	106	101
		Poker, Vibratory, Hand Held (CNP170) (10%)	2	103	88	83	106	91	86
		Crane Mobile (CNP048) (30%)	1	107	96	91	107	96	91
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Bar Bender and Cutter (CNP021) (60%)	1	88	88	88	88	88	88
		Dump Truck (CNP067) (100%)	1	117	104	99	117	104	99
						121	111	106	122
Adit C - Reinstatement of Roads & Landscaping	Nov 2014 - Mar 2015	Hand Held Breaker (CNP025) (60%)	3	109	104	99	114	109	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	2	112	106	101	115	109	104
		Crane Mobile (CNP048) (20%)	1	105	94	89	105	94	89
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Dump Truck (CNP067) (90%)	2	117	104	99	120	107	102
				118	109	104	122	113	108

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TKW - Adit C Phase 2				SWL of Single PME			Total SWL		
Worksite S9									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Adit C - Phase 2	Aug 2013 - Nov 2013	Giken Pile Rig (90%)	2	101	101	96	104	104	99
		Hand Held Breaker (CNP025) (20%)	2	104	99	94	107	102	97
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (40%)	1	118	106	101	118	106	101
		Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	1	112	106	101	112	106	101
		Poker, Vibratory, Hand Held (CNP170) (10%)	2	103	88	83	106	91	86
		Crane Mobile (CNP048) (30%)	1	107	96	91	107	96	91
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Bar Bender and Cutter (CNP021) (60%)	1	88	88	88	88	88	88
		Dump Truck (CNP067) (100%)	1	117	104	99	117	104	99
						121	111	106	122
Adit C - Reinstatement of Roads & Landscaping	Nov 2014 - Mar 2015	Hand Held Breaker (CNP025) (60%)	3	109	104	99	114	109	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	2	112	106	101	115	109	104
		Crane Mobile (CNP048) (20%)	1	105	94	89	105	94	89
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Dump Truck (CNP067) (90%)	2	117	104	99	120	107	102
				118	109	104	122	113	108

Project : SCL - Tai Wai to Hung Hom Section
Title : Plant Inventory

TKW - Adit C Phase 3				SWL of Single PME			Total SWL		
Worksite S10									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Adit C - Phase 3	Dec 2013 - Apr 2014	Giken Pile Rig (90%)	2	101	101	96	104	104	99
		Hand Held Breaker (CNP025) (20%)	2	104	99	94	107	102	97
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (40%)	1	118	106	101	118	106	101
		Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	1	112	106	101	112	106	101
		Poker, Vibratory, Hand Held (CNP170) (10%)	2	103	88	83	106	91	86
		Crane Mobile (CNP048) (30%)	1	107	96	91	107	96	91
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Bar Bender and Cutter (CNP021) (60%)	1	88	88	88	88	88	88
		Dump Truck (CNP067) (100%)	1	117	104	99	117	104	99
				121	111	106	122	112	107
Adit C - Reinstatement of Roads & Landscaping	Nov 2014 - Mar 2015	Hand Held Breaker (CNP025) (60%)	3	109	104	99	114	109	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	2	112	106	101	115	109	104
		Crane Mobile (CNP048) (20%)	1	105	94	89	105	94	89
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Dump Truck (CNP067) (90%)	2	117	104	99	120	107	102
				118	109	104	122	113	108

Project : SCL - Tai Wai to Hung Hom Section
Title : Plant Inventory

TKW - Adit C Phase 4				SWL of Single PME			Total SWL		
Worksite S11									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Adit C - Phase 4	May 2014 - Oct 2014	Giken Pile Rig (90%)	2	101	101	96	104	104	99
		Hand Held Breaker (CNP025) (20%)	2	104	99	94	107	102	97
		Breaker, Excavator Mounted (Hydraulic) (CNP028) (40%)	1	118	106	101	118	106	101
		Excavator/Loader, Wheeled/Tracked (CNP081) (100%)	1	112	106	101	112	106	101
		Poker, Vibratory, Hand Held (CNP170) (10%)	2	103	88	83	106	91	86
		Crane Mobile (CNP048) (30%)	1	107	96	91	107	96	91
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Bar Bender and Cutter (CNP021) (60%)	1	88	88	88	88	88	88
		Dump Truck (CNP067) (100%)	1	117	104	99	117	104	99
						121	111	106	122
Adit C - Reinstatement of Roads & Landscaping	Nov 2014 - Mar 2015	Hand Held Breaker (CNP025) (60%)	3	109	104	99	114	109	104
		Excavator/Loader, Wheeled/Tracked (CNP081) (90%)	2	112	106	101	115	109	104
		Crane Mobile (CNP048) (20%)	1	105	94	89	105	94	89
		Generator (Silenced) (CNP103) (60%)	2	93	93	83	96	96	86
		Dump Truck (CNP067) (90%)	2	117	104	99	120	107	102
				118	109	104	122	113	108

Project : SCL - Tai Wai to Hung Hom Section
Title : Plant Inventory

TBM Tunnel Plant at TKW				SWL of Single PME			Total SWL		
Worksite S13									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
TBM Tunnel Plant at TKW (Above Ground Only - at South West End of site)	Feb 2014 Mar 2015	Crane Mobile (CNP048) (10%)	2	102	91	86	105	94	89
				102	91	86	105	94	89
TBM Tunnel Plant at TKW (Above Ground Only - at South West End of site)	Feb 2014 - Apr 2014	Crane Mobile (CNP048) (80%)	1	111	100	95	111	100	95
		Crane Mobile (CNP048) (100%)	1	112	101	96	112	101	96
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP162) (100%)	1	105	105	95	105	105	95
		Generator (Silenced) (CNP103) (100%)	1	95	95	85	95	95	85
				115	108	100	115	108	100
TBM Tunnel Plant at TKW (Above Ground Only - at South West End of site)	May 2014 - Mar 2016	Crane Mobile (CNP048) (80%)	1	111	100	95	111	100	95
		Crane Mobile (CNP048) (100%)	1	112	101	96	112	101	96
		Piling, Diaphragm Wall, Bentonite Filtering Plant (CNP162) (100%)	1	105	105	95	105	105	95
		Generator (Silenced) (CNP103) (100%)	1	95	95	85	95	95	85
		Mini Backhoe (CNP082) (100%)	1	94	94	89	94	94	89
		Dump Truck (CNP067) (80%)	2	116	103	98	119	106	101
				119	109	103	121	110	104

Project : SCL - Tai Wai to Hung Hom Section
Title : Plant Inventory

Tunnel (Below Existing Kai Tak Nullah and Proposed Temporary Channel)				SWL of Single PME			Total SWL		
Worksite S14									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance and Erection of hoarding	Jun 2012 - Jul 2012	Mini Backhoe (CNP082) (50%)	2	91	91	86	94	94	89
		Dump Truck (CNP067) (50%)	2	114	101	96	117	104	99
		Dump Truck with Grab (CNP069) (20%)	1	98	96	91	98	96	91
		Air Compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Hand Held Breaker (CNP025) (50%)	1	108	103	98	108	103	98
		Welder/Generator, portable (CNP107) (50%)	1	97	97	92	97	97	92
				115	108	102	118	109	103
Sheeting and Lateral Support System	Aug 2012 - May 2013	Welder/Generator, portable (CNP107) (50%)	4	97	97	92	103	103	98
		Crane Mobile (CNP048) (20%)	4	105	94	89	111	100	95
		Lorry (CNP 141) (10%)	4	102	92	87	108	98	93
		Piling, Vibrating Hammer (CNP172) (80%)	4	114	105	100	120	111	106
		Air Compressor (CNP002) (50%)	4	99	99	89	105	105	95
						115	107	101	121
Bulk excavation of soft soil and dewatering	Jan 2013 - Oct 2013	Mini Backhoe (CNP082) (50%)	6	91	91	86	99	99	94
		Dump Truck (CNP067) (50%)	4	114	101	96	120	107	102
		Water pump (CNP281) (Electric) (100%)	100	88	88	88	108	108	108
		Crane Mobile (CNP048) (30%)	2	107	96	91	110	99	94
						115	103	98	121
Construct Tunnel	Jul 2013 - Mar 2014	Poker, Vibratory, Hand Held (CNP170) (20%)	3	106	91	86	111	96	91
		Air Compressor (CNP002) (100%)	3	102	102	92	107	107	97
		Concrete Lorry Mixer (CNP044) (20%)	3	102	93	88	107	98	93
		Concrete pump (CNP047) (20%)	3	102	100	95	107	105	100
		Crane Mobile (CNP048) (20%)	1	105	94	89	105	94	89
				111	105	98	115	110	103
Backfill and compaction	Dec 2013 - Jun 2014	Mini Backhoe (CNP082) (50%)	4	91	91	86	97	97	92
		Dump Truck (CNP067) (50%)	4	114	101	96	120	107	102
		Roller (CNP185) (70%)	4	106	99	94	112	105	100
		Bulldozer (CNP030) (70%)	4	113	102	97	119	108	103
						117	106	101	123

Project : SCL - Tai Wai to Hung Hom Section
Title : Plant Inventory

Tunnel (Mined Section below LTSB and cofferdam section at north and south side of mined tunnels)				SWL of Single PME			Total SWL		
Worksite S15									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance and Erection of hoarding	Apr 2013 - May 2013	Mini Backhoe (CNP082) (50%)	4	91	91	86	97	97	92
		Dump Truck (CNP067) (50%)	2	114	101	96	117	104	99
		Dump Truck with Grab (CNP069) (20%)	1	98	96	91	98	96	91
		Air Compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Hand Held Breaker (CNP025) (50%)	1	108	103	98	108	103	98
		Welder/Generator, portable (CNP107) (50%)	1	97	97	92	97	97	92
				115	108	102	118	109	103
Sheeting and Lateral Support System	Jun 2013 - Jul 2013	Welder/Generator, portable (CNP107) (50%)	4	97	97	92	103	103	98
		Crane Mobile (CNP048) (20%)	4	105	94	89	111	100	95
		Lorry (CNP 141) (10%)	4	102	92	87	108	98	93
		Piling, Vibrating Hammer (CNP172) (80%)	4	114	105	100	120	111	106
		Air Compressor (CNP002) (50%)	4	99	99	89	105	105	95
				115	107	101	121	113	107
Bulk excavation of soft soil and dewatering	Jul 2013 - Oct 2013	Mini Backhoe (CNP082) (50%)	6	91	91	86	99	99	94
		Dump Truck (CNP067) (50%)	4	114	101	96	120	107	102
		Water pump (CNP281) (Electric) (100%)	100	88	88	88	108	108	108
		Crane Mobile (CNP048) (30%)	2	107	96	91	110	99	94
				115	103	98	121	111	109
Canopy Pipe Pile Construction	Nov 2013 - Aug 2014	Piling Rig and Drilling Rig (CNP167) (50%)	4	111	106	96	117	112	102
		Mini Backhoe (CNP082) (50%)	4	91	91	86	97	97	92
		Breaker (Pneumatic) (CNP027) (50%)	2	119	109	104	122	112	107
		Dump Truck (CNP067) (20%)	4	110	97	92	116	103	98
		Piling, Vibrating Hammer (CNP172) (50%)	2	112	103	98	115	106	101
		Air Compressor (CNP002) (50%)	2	99	99	89	102	102	92
		Concrete Lorry Mixer (CNP044) (50%)	2	106	97	92	109	100	95
		Welder/Generator, portable (CNP107) (50%)	4	97	97	92	103	103	98
				121	112	106	125	116	110
Construct Tunnel	Sept 2014 - Apr 2015	Poker, Vibratory, Hand Held (CNP170) (20%)	3	106	91	86	111	96	91
		Air Compressor (CNP002) (100%)	3	102	102	92	107	107	97
		Concrete Lorry Mixer (CNP044) (20%)	3	102	93	88	107	98	93
		Concrete pump (CNP047) (20%)	3	102	100	95	107	105	100
		Crane Mobile (CNP048) (20%)	1	105	94	89	105	94	89
				111	105	98	115	110	103
Backfill and compaction	Mar 2015 - May 2015	Mini Backhoe (CNP082) (100%)	4	94	94	89	100	100	95
		Dump Truck (CNP067) (50%)	4	114	101	96	120	107	102
		Roller (CNP185) (70%)	4	106	99	94	112	105	100
		Bulldozer (CNP030) (70%)	4	113	102	97	119	108	103
				117	106	101	123	112	107

Note: The work and location are same as KAT S6

Project : SCL - Tai Wai to Hung Hom Section
Title : Plant Inventory

Tunnel (Open Cut Section Approaching to TKW)				SWL of Single PME			Total SWL		
Worksite S16									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance and Erection of hoarding	Aug 2013 - Sept 2013	Mini Backhoe (CNP082) (80%)	4	93	93	88	99	99	94
		Dump Truck (CNP067) (50%)	2	114	101	96	117	104	99
		Dump Truck with Grab (CNP069) (20%)	1	98	96	91	98	96	91
		Air Compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Hand Held Breaker (CNP025) (50%)	1	108	103	98	108	103	98
		Welder/Generator, portable (CNP107) (50%)	1	97	97	92	97	97	92
				115	108	102	118	109	103
Bulk excavation of soft soil and dewatering	Oct 2013 - Feb 2015	Mini Backhoe (CNP082) (100%)	6	94	94	89	102	102	97
		Dump Truck (CNP067) (50%)	4	114	101	96	120	107	102
		Water pump (CNP281) (Electric) (100%)	100	88	88	88	108	108	108
		Crane Mobile (CNP048) (30%)	2	107	96	91	110	99	94
				115	103	98	121	111	109
Construct Tunnel	Jan 2014 - Sept 2015	Poker, Vibratory, Hand Held (CNP170) (20%)	3	106	91	86	111	96	91
		Air Compressor (CNP002) (100%)	3	102	102	92	107	107	97
		Concrete Lorry Mixer (CNP044) (20%)	3	102	93	88	107	98	93
		Concrete pump (CNP047) (20%)	3	102	100	95	107	105	100
		Crane Mobile (CNP048) (20%)	1	105	94	89	105	94	89
				111	105	98	115	110	103
Backfill and compaction	Jun 2015 - Sept 2015	Mini Backhoe (CNP082) (100%)	4	94	94	89	100	100	95
		Dump Truck (CNP067) (50%)	4	114	101	96	120	107	102
		Roller (CNP185) (70%)	4	106	99	94	112	105	100
		Bulldozer (CNP030) (70%)	4	113	102	97	119	108	103
				117	106	101	123	112	107

Note: The work and location are same as KAT S7

Project : SCL - Tai Wai to Hung Hom Section
Title : Plant Inventory

TKW Bored Piling (including enabling works)				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
Bored Piling - phase 1	Nov 2012 - Jan 2013	Piling Rig and Drilling Rig (CNP167) (90%)	3	114	109	99	118	113	103
		Crane Mobile (CNP048) (90%)	1	112	101	96	112	101	96
		Generator (Silenced) (CNP103) (60%)	1	93	93	83	93	93	83
		Bar Bender and Cutter (CNP021) (50%)	1	87	87	87	87	87	87
		Air Compressor (CNP003) (60%)	1	102	101	91	102	101	91
		Dump Truck (CNP067) (50%)	1	114	101	96	114	101	96
		Concrete Pumping Lorry (20%)	1	102	102	102	102	102	102
				118	111	105	120	114	107

Project : SCL - Tai Wai to Hung Hom Section
Title : Plant Inventory

TKW Bored Piling (including enabling works)				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	
Bored Piling - phase 2	Feb 2013 - Apr 2013	Piling Rig and Drilling Rig (CNP167) (90%)	10	114	109	99	124	119	109	
		Crane Mobile (CNP048) (90%)	3	112	101	96	116	105	100	
		Generator (Silenced) (CNP103) (60%)	1	93	93	83	93	93	83	
		Bar Bender and Cutter (CNP021) (50%)	1	87	87	87	87	87	87	
		Air Compressor (CNP003) (60%)	1	102	101	91	102	101	91	
		Dump Truck (CNP067) (50%)	3	114	101	96	119	106	101	
		Concrete Pumping Lorry (20%)	3	102	102	102	107	107	107	
					118	111	105	125	119	112
	May 2013 - Jun 2013	Piling Rig and Drilling Rig (CNP167) (90%)	7	114	109	99	122	117	107	
		Crane Mobile (CNP048) (90%)	2	112	101	96	115	104	99	
		Generator (Silenced) (CNP103) (60%)	1	93	93	83	93	93	83	
		Bar Bender and Cutter (CNP021) (50%)	1	87	87	87	87	87	87	
		Air Compressor (CNP003) (60%)	1	102	101	91	102	101	91	
		Dump Truck (CNP067) (50%)	2	114	101	96	117	104	99	
Concrete Pumping Lorry (20%)		2	102	102	102	105	105	105		
				118	111	105	124	118	110	