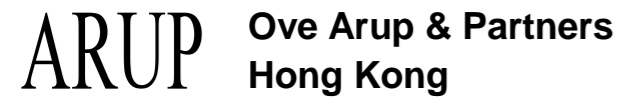




Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Fish Pond Compensation, Land De-contamination, Creation of EA, Embankment Construction				SWL of Single PME			Total SWL		
Worksite N1				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Fish Pond Compensation	Oct 13 - Jun 17	Backhoe (CNP081) (100%)	2	112	93	88	115	96	91
Land De-contamination		Generator (CNP103) (100%)	2	95	90	75	98	93	78
Creation of EA		Water pump (CNP281) (Electric) (100%)	2	88	88	83	91	91	86
Embankment Construction		Dump Truck (CNP068) (100%)	2	105	105	100	108	108	103
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
				117	109	104	118	110	105



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Temporary Haul Road Between Sai Kwo Rd and Ha Wan Tsuen Rd				SWL of Single PME			Total SWL		
Worksite N2				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Filling	Dec 14 - Feb 15	Backhoe (CNP081) (100%)	1	112	93	88	112	93	88
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Dump Truck (CNP068) (100%)	1	105	105	100	105	105	100
				114	106	102	114	106	102
Paving		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	111	106	116	111	106
				Max SWL=			116		106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Temporary Haul Road Between Sai Kwo Rd and Ha Wan Tsuen Rd				SWL of Single PME			Total SWL		
Worksite N3				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Filling	Mar 15	Backhoe (CNP081) (100%)	1	112	93	88	112	93	88
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Dump Truck (CNP068) (100%)	1	105	105	100	105	105	100
				114	106	102	114	106	102
Paving	Mar 15	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	111	106	116	111	106
				Max SWL=			116		106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Site formation				SWL of Single PME			Total SWL		
Worksite Z0				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Filling	Dec 14 - Aug 15	Backhoe (CNP081) (100%)	2	112	93	88	115	96	91
		Generator (CNP103) (100%)	6	95	90	75	103	98	83
		Roller (CNP185) (100%)	2	108	97	97	111	100	100
		Dump Truck (CNP068) (100%)	8	105	105	100	114	114	109
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Motor Grader (CNP104) (100%)	2	113	113	113	116	116	116
		Vertical band drain installation rig (100%)	8	112	112	107	121	121	116
				120	116	114	124	123	120
Removing surcharge	Apr 17 - Jun 17	Excavator (CNP081) (100%)	4	112	93	88	118	99	94
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Dump Truck (CNP068) (100%)	8	105	105	100	114	114	109
				113	105	100	120	114	109



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Site formation				SWL of Single PME			Total SWL		
Worksite Z1				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Filling	Dec 14 - Apr 15	Backhoe (CNP081) (100%)	2	112	93	88	115	96	91
		Generator (CNP103) (100%)	6	95	90	75	103	98	83
		Roller (CNP185) (100%)	2	108	97	97	111	100	100
		Dump Truck (CNP068) (100%)	8	105	105	100	114	114	109
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Motor Grader (CNP104) (100%)	2	113	113	113	116	116	116
		Vertical band drain installation rig (100%)	8	112	112	107	121	121	116
				120	116	114	124	123	120
Removing surcharge	May 16 - Aug 16	Excavator (CNP081) (100%)	4	112	93	88	118	99	94
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Dump Truck (CNP068) (100%)	8	105	105	100	114	114	109
				113	105	100	120	114	109
Internal Road, utilities construction	Oct 17 - May 20	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
Earthwork Group 1		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
					115	111	103	115	111
Paving Group 2	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104	
	Generator (CNP101) (100%)	1	108	108	93	108	108	93	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	97	97	108	97	97	
	Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
				117	113	106	117	113	106
Landscape Group 3	Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92	
	Excavator (CNP081) (100%)	1	112	93	88	112	93	88	
				113	103	93	113	103	93
						Max SWL=	117		106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Building (Phase 1)	Aug 16 - Mar 18	Concrete pump (CNP047) (100%)	1	109	109	99	109	109	99
Concrete Foundation Group 1		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Piling, Large Diameter Bored, rcd (CNP166) (100%)	1	100	100	90	100	100	90
				118	117	111	118	117	111
Erect Formwork Group 2		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
			114	114	109	114	114	109	
Casting superstructure Group 3		Concrete pump (CNP047) (100%)	1	109	109	99	109	109	99
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
			117	114	106	117	114	106	
Max SWL=						118		111	



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

District Cooling System (Western)				SWL of Single PME			Total SWL		
Worksite Z1.1				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Concrete Foundation Group 1	Mar 17 - Oct 19	Backhoe (CNP081) (100%)	1	112	93	88	112	93	88
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Piling, Large Diameter Bored, rcd (CNP166) (100%)	1	100	100	90	100	100	90
						119	116	110	119
Erect Formwork Group 2	Mar 17 - Oct 19	Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
				114	114	109	114	114	109
Casting superstructure Group 3	Mar 17 - Oct 19	Concrete pump (CNP047) (100%)	1	109	109	99	109	109	99
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	113	106	116	113	106
				Max SWL=			119		110



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Site formation				SWL of Single PME			Total SWL		
Worksite Z2				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Filling	Aug 15 - Jul 16	Backhoe (CNP081) (100%)	2	112	93	88	115	96	91
		Generator (CNP103) (100%)	6	95	90	75	103	98	83
		Roller (CNP185) (100%)	2	108	97	97	111	100	100
		Dump Truck (CNP068) (100%)	8	105	105	100	114	114	109
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Motor Grader (CNP104) (100%)	2	113	113	113	116	116	116
		Vertical band drain installation rig (100%)	8	112	112	107	121	121	116
				120	116	114	124	123	120
Removing surcharge	Jan 17 - Apr 17	Excavator (CNP081) (100%)	4	112	93	88	118	99	94
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Dump Truck (CNP068) (100%)	8	105	105	100	114	114	109
				113	105	100	120	114	109
Internal Road, utilities construction	Oct 17 - May 20	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
Earthwork Group 1		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
					115	111	103	115	111
Paving Group 2	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104	
	Generator (CNP101) (100%)	1	108	108	93	108	108	93	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	97	97	108	97	97	
	Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
				117	113	106	117	113	106
Landscape Group 3	Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92	
	Excavator (CNP081) (100%)	1	112	93	88	112	93	88	
				113	103	93	113	103	93
				Max SWL=			117		106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Building (Phase 1)	Aug 16 - Nov 20	Concrete pump (CNP047) (100%)	1	109	109	99	109	109	99
Concrete Foundation Group 1		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Piling, Large Diameter Bored, rcd (CNP166) (100%)	1	100	100	90	100	100	90
				118	117	111	118	117	111
Erect Formwork Group 2		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
			114	114	109	114	114	109	
Casting superstructure Group 3		Concrete pump (CNP047) (100%)	1	109	109	99	109	109	99
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		117	114	106	117	114	106		
Max SWL=						118		111	



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Site formation				SWL of Single PME			Total SWL		
Worksite Z3				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Filling	May 16 - Sep 16	Backhoe (CNP081) (100%)	2	112	93	88	115	96	91
		Generator (CNP103) (100%)	6	95	90	75	103	98	83
		Roller (CNP185) (100%)	2	108	97	97	111	100	100
		Dump Truck (CNP068) (100%)	8	105	105	100	114	114	109
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Motor Grader (CNP104) (100%)	2	113	113	113	116	116	116
		Vertical band drain installation rig (100%)	8	112	112	107	121	121	116
				120	116	114	124	123	120
Removing surcharge	Jun 17 - Oct 17	Excavator (CNP081) (100%)	4	112	93	88	118	99	94
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Dump Truck (CNP068) (100%)	8	105	105	100	114	114	109
				113	105	100	120	114	109
Internal Road, utilities construction	Oct 17 - May 20	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
Earthwork Group 1		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
					115	111	103	115	111
Paving Group 2	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104	
	Generator (CNP101) (100%)	1	108	108	93	108	108	93	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	97	97	108	97	97	
	Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
				117	113	106	117	113	106
Landscape Group 3	Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92	
	Excavator (CNP081) (100%)	1	112	93	88	112	93	88	
				113	103	93	113	103	93
						Max SWL=	117		106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Building (Phase 2)	Jan 24 - Aug 27	Concrete pump (CNP047) (100%)	1	109	109	99	109	109	99
Concrete Foundation Group 1		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Piling, Large Diameter Bored, rcd (CNP166) (100%)	1	100	100	90	100	100	90
				118	117	111	118	117	111
Erect Formwork Group 2		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
				114	114	109	114	114	109
Casting superstructure Group 3		Concrete pump (CNP047) (100%)	1	109	109	99	109	109	99
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		117	114	106	117	114	106		
Max SWL=						118		111	



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Sewage Treatment Work				SWL of Single PME			Total SWL		
Worksite Z3.1				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Concrete Foundation Group 1	Oct 17 - Nov 20	Backhoe (CNP081) (100%)	1	112	93	88	112	93	88
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Piling, Large Diameter Bored, rcd (CNP166) (100%)	1	100	100	90	100	100	90
						119	116	110	119
Erect Formwork Group 2		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
				114	114	109	114	114	109
Casting superstructure Group 3		Concrete pump (CNP047) (100%)	1	109	109	99	109	109	99
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
						116	113	106	116
				Max SWL=			119		110



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

District Cooling System (Eastern)				SWL of Single PME			Total SWL		
Worksite Z3.2				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Concrete Foundation Group 1	Jul 24 - Feb 27	Backhoe (CNP081) (100%)	1	112	93	88	112	93	88
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Piling, Large Diameter Bored, rcd (CNP166) (100%)	1	100	100	90	100	100	90
				119	116	110	119	116	110
Erect Formwork Group 2		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
				114	114	109	114	114	109
Casting superstructure Group 3		Concrete pump (CNP047) (100%)	1	109	109	99	109	109	99
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	113	106	116	113	106
				Max SWL=			119		110



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Site formation				SWL of Single PME			Total SWL		
Worksite Z4				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Filling	Aug 16 - Jun 17	Backhoe (CNP081) (100%)	2	112	93	88	115	96	91
		Generator (CNP103) (100%)	6	95	90	75	103	98	83
		Roller (CNP185) (100%)	2	108	97	97	111	100	100
		Dump Truck (CNP068) (100%)	8	105	105	100	114	114	109
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Motor Grader (CNP104) (100%)	2	113	113	113	116	116	116
		Vertical band drain installation rig (100%)	8	112	112	107	121	121	116
				120	116	114	124	123	120
Removing surcharge	Apr 18 - Jul 18	Excavator (CNP081) (100%)	4	112	93	88	118	99	94
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Dump Truck (CNP068) (100%)	8	105	105	100	114	114	109
				113	105	100	120	114	109
Internal Road, utilities construction	Jan 24 - Aug 25	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
Earthwork Group 1		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
					115	111	103	115	111
Paving Group 2	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104	
	Generator (CNP101) (100%)	1	108	108	93	108	108	93	
	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99	
	Roller (CNP185) (100%)	1	108	97	97	108	97	97	
	Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92	
				117	113	106	117	113	106
Landscape Group 3	Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92	
	Excavator (CNP081) (100%)	1	112	93	88	112	93	88	
				113	103	93	113	103	93
						Max SWL=	117		106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Building (Phase 2)	Jan 24 - Aug 27	Concrete pump (CNP047) (100%)	1	109	109	99	109	109	99
Concrete Foundation		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
Group 1		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Piling, Large Diameter Bored, rcd (CNP166) (100%)	1	100	100	90	100	100	90
				118	117	111	118	117	111
Erect Formwork		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
Group 2		Electric Saw (CNP202) (100%)	1	114	114	109	114	114	109
				114	114	109	114	114	109
Casting superstructure		Concrete pump (CNP047) (100%)	1	109	109	99	109	109	99
Group 3		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				117	114	106	117	114	106
				Max SWL=	118		111		



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Site formation				SWL of Single PME			Total SWL		
Worksite Z5				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Filling	Aug 16 - Jun 17	Backhoe (CNP081) (100%)	2	112	93	88	115	96	91
		Generator (CNP103) (100%)	6	95	90	75	103	98	83
		Roller (CNP185) (100%)	2	108	97	97	111	100	100
		Dump Truck (CNP068) (100%)	8	105	105	100	114	114	109
		Bulldozer (CNP030) (100%)	1	115	106	101	115	106	101
		Motor Grader (CNP104) (100%)	2	113	113	113	116	116	116
		Vertical band drain installation rig (100%)	8	112	112	107	121	121	116
				120	116	114	124	123	120
Removing surcharge	Nov 18 - Jan 19	Excavator (CNP081) (100%)	4	112	93	88	118	99	94
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Dump Truck (CNP068) (100%)	8	105	105	100	114	114	109
				113	105	100	120	114	109
Internal Road, utilities construction	Sep 25 - Aug 26	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
Earthwork Group 1		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				115	111	103	115	111	103
Paving Group 2		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	111	106	116	111	106
Landscape Group 3		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				113	103	93	113	103	93
				Max SWL=	116				106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

LMC Station Connection (between Tun Yu Road and Ha Wan Tsuen Road)				SWL of Single PME			Total SWL		
Worksite L1				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Earthwork Group 1	Jun 16 - Jul 18	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				115	111	103	115	111	103
Paving Group 2		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				117	113	106	117	113	106
				Max SWL=			117		106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

LMC Station Connection (Bridge Section)				SWL of Single PME			Total SWL		
Worksite L2				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Earthwork Group 1	Jun 16 - Feb 17	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				115	111	103	115	111	103
Paving Group 2		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				117	113	106	117	113	106
Bridge construction Group 3		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				116	112	107	116	112	107
							Max SWL=	117	107



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

LMC Station Connection (Bridge Section)				SWL of Single PME			Total SWL		
Worksite L3				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Earthwork Group 1	Mar 17 - Jun 17	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				115	111	103	115	111	103
Paving Group 2		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	111	106	116	111	106
Bridge construction Group 3		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				116	112	107	116	112	107
							Max SWL=	116	107



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

LMC Station Connection (Bridge Section)				SWL of Single PME			Total SWL		
Worksite L4				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Earthwork Group 1	Jul 17 - Dec 17	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				115	111	103	115	111	103
Paving Group 2		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	111	106	116	111	106
Bridge construction Group 3		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				116	112	107	116	112	107
							Max SWL=	116	107



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

LMC Station Connection (Bridge Section)				SWL of Single PME			Total SWL		
Worksite L5				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Earthwork Group 1	Jan 18 - Apr 18	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				115	111	103	115	111	103
Paving Group 2		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	111	106	116	111	106
Bridge construction Group 3		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				116	112	107	116	112	107
							Max SWL=	116	107



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

LMC Station Connection (Bridge Section)				SWL of Single PME			Total SWL		
Worksite L6				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Earthwork Group 1	May 18 - Jul 18	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				115	111	103	115	111	103
Paving Group 2		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	111	106	116	111	106
Bridge construction Group 3		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				116	112	107	116	112	107
							Max SWL=	116	107



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Permanent Crossing across meander				SWL of Single PME			Total SWL		
Worksite S5				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Excavation Group 1	Mar 15 - Sep 16	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
				113	105	100	113	105	100
Bridge construction Group 2		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				116	112	107	116	112	107
						Max SWL=	116		107
Advance Road Work Noise Mitigation Temp Bridge	Nov 12 - May 14	Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
				113	105	100	113	105	100



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Western Connection Road (HWT Rd and LMC Rd)				SWL of Single PME			Total SWL		
Worksite S7				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Ground Improvement	Jun 16 - Nov 16	Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				102	102	97	102	102	97
Earthwork (Group 1) Group 1		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
				110	110	102	110	110	102
Earthwork (Group 2) Group 2		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				114	107	101	114	107	101
Paving (Group 1) Group 3		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
				112	109	105	112	109	105
Paving (Group 2) Group 4		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				115	106	100	115	106	100
						Max SWL=	115		105
Advance Road Work Noise Mitigation Temp Bridge	Nov 12 - May 14	Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
				113	105	100	113	105	100



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Western Connection Road (HWT Rd and LMC Rd)				SWL of Single PME			Total SWL		
Worksite S8				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Ground Improvement	Dec 16 - Oct 17	Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				102	102	97	102	102	97
Earthwork (Group 1) Group 1		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
				110	110	102	110	110	102
Earthwork (Group 2) Group 2		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				114	107	101	114	107	101
Paving (Group 1) Group 3		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
				112	109	105	112	109	105
Paving (Group 2) Group 4		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				115	106	100	115	106	100
						Max SWL=	115		105
Advance Road Work Noise Mitigation Temp Bridge	Nov 12 - May 14	Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
				113	105	100	113	105	100



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Western Connection Road (HWT Rd and LMC Rd)				SWL of Single PME			Total SWL		
Worksite S9				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Earthwork (Group 1) Group 1	Nov 17 - Feb 18	Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
				109	109	101	109	109	101
Earthwork (Group 2) Group 2	Nov 17 - Feb 18	Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				113	105	99	113	105	99
Paving (Group 1) Group 3	Nov 17 - Feb 18	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
				112	109	105	112	109	105
Paving (Group 2) Group 4	Nov 17 - Feb 18	Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				115	106	100	115	106	100
				Max SWL=	115				105



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Western Connection Road (HWT Rd and LMC Rd)				SWL of Single PME			Total SWL		
Worksite S10				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Earthwork Group 1	Mar 18 - Jun 18	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				115	111	103	115	111	103
Paving (Group 1) Group 2		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
				112	109	105	112	109	105
Paving (Group 2) Group 3		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				115	106	100	115	106	100
				Max SWL=	115				105



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Western Connection Road (HWT Rd and LMC Rd)				SWL of Single PME			Total SWL		
Worksite S11				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Earthwork Group 1	Jul 18 - Oct 18	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				115	111	103	115	111	103
Paving (Group 1) Group 2		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
				112	109	105	112	109	105
Paving (Group 2) Group 3		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				115	106	100	115	106	100
				Max SWL=	115				105



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Western Connection Road (San Tin Interchange)				SWL of Single PME			Total SWL		
Worksite S12				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Earthwork Group 1	Jun 16 - Aug 17	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				115	111	103	115	111	103
Paving (Group 1) Group 2		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
				112	109	105	112	109	105
Paving (Group 2) Group 3		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				115	106	100	115	106	100
Bridge construction Group 4		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				116	112	107	116	112	107
				Max SWL=	116		116		107



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Western Connection Road (San Tin Interchange)				SWL of Single PME			Total SWL		
Worksite S13				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Earthwork Group 1	Sep 17 - Oct 18	Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
				115	111	103	115	111	103
Paving (Group 1) Group 2		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
				112	109	105	112	109	105
Paving (Group 2) Group 3		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				115	106	100	115	106	100
Bridge construction Group 4		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				116	112	107	116	112	107
				Max SWL=			116		107



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Eastern Connection Road				SWL of Single PME			Total SWL		
Worksite S14				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Underpass construction	Jan 24 - Apr 24	Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Mobile Crane (CNP048) (100%)	2	102	102	97	105	105	100
		Lorry, Crane/Grab (CNP145) (100%)	2	105	105	100	108	108	103
		Dump Truck (CNP068) (100%)	2	105	105	100	108	108	103
		Piling, Large Diameter Bored, rcd (CNP166) (100%)	2	100	100	90	103	103	93
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
						118	113	107	119



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Eastern Link				SWL of Single PME			Total SWL		
Worksite S15				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Ground Improvement	May 24 - Oct 24	Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				102	102	97	102	102	97
Earthwork Group 1	May 24 - Oct 24	Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Dump Truck (CNP068) (100%)	1	105	105	100	105	105	100
				115	111	104	117	111	104
Paving Group 2	May 24 - Oct 24	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	111	106	116	111	106
Retaining Structure Construction Group 3	May 24 - Oct 24	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		116	113	106	116	113	106		
				Max SWL=	117				106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Eastern Link				SWL of Single PME			Total SWL		
Worksite S16				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Ground Improvement	Nov 24 - Apr 25	Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				102	102	97	102	102	97
Earthwork Group 1	Nov 24 - Apr 25	Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Dump Truck (CNP068) (100%)	1	105	105	100	105	105	100
				115	111	104	115	111	104
Paving Group 2	Nov 24 - Apr 25	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	111	106	116	111	106
Bridge construction Group 3	Nov 24 - Apr 25	Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		116	112	106	116	112	106		
				Max SWL=	116		116		106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Eastern Link				SWL of Single PME			Total SWL		
Worksite S17				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Ground Improvement	May 25 - Oct 25	Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				102	102	97	102	102	97
Earthwork Group 1	May 25 - Oct 25	Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Dump Truck (CNP068) (100%)	1	105	105	100	105	105	100
				115	111	104	115	111	104
Paving Group 2	May 25 - Oct 25	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	111	106	116	111	106
Retaining Structure Construction Group 3	May 25 - Oct 25	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		116	113	106	116	113	106		
				Max SWL=	116		116		106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Eastern Link				SWL of Single PME			Total SWL		
Worksite S18				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Ground Improvement	Nov 25 - Mar 26	Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				102	102	97	102	102	97
Earthwork Group 1	Nov 25 - Mar 26	Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Dump Truck (CNP068) (100%)	1	105	105	100	105	105	100
				115	111	104	115	111	104
Paving Group 2	Nov 25 - Mar 26	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
				116	111	106	116	111	106
Retaining Structure Construction Group 3	Nov 25 - Mar 26	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP101) (100%)	1	108	108	93	108	108	93
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Bar Bender and Cutter (Electric) (CNP021) (100%)	1	90	90	90	90	90	90
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		Lorry, Crane/Grab (CNP145) (100%)	1	105	105	100	105	105	100
		116	113	106	116	113	106		
				Max SWL=	116		116		106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Eastern Link				SWL of Single PME			Total SWL		
Worksite S19				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Ground Improvement	Apr 26 - Aug 26	Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				102	102	97	102	102	97
Earthwork Group 1	Apr 26 - Aug 26	Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Dump Truck (CNP068) (100%)	1	105	105	100	105	105	100
				115	111	104	117	111	104
Paving Group 2	Apr 26 - Aug 26	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		116	111	106	116	111	106		
				Max SWL=	117				106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Eastern Link				SWL of Single PME			Total SWL		
Worksite S20				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Ground Improvement	Sep 26 - Feb 27	Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				102	102	97	102	102	97
Earthwork Group 1	Sep 26 - Feb 27	Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Dump Truck (CNP068) (100%)	1	105	105	100	105	105	100
				115	111	104	117	111	104
Paving Group 2	Sep 26 - Feb 27	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory Poker (CNP170) (100%)	1	113	102	92	113	102	92
		116	111	106	116	111	106		
				Max SWL=	117				106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Concurrent Project from KTN NDA				SWL of Single PME			Total SWL		
Worksite KTN NDA				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Ground Improvement	Oct 24 - Mar 25	Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
				102	102	97	102	102	97
Earthwork Group 1	Oct 24 - Mar 25	Hand Held Breaker (CNP023) (100%)	1	108	108	98	108	108	98
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Water pump (CNP281) (Electric) (100%)	1	88	88	83	88	88	83
		Compactor, vibratory (CNP050) (100%)	1	105	102	92	105	102	92
		Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Mobile Crane (CNP048) (100%)	1	102	102	97	102	102	97
		Dump Truck (CNP068) (100%)	1	105	105	100	105	105	100
				115	111	104	117	111	104
Paving Group 2	Oct 24 - Mar 25	Concrete Lorry Mixer (CNP044) (100%)	1	109	109	104	109	109	104
		Generator (CNP103) (100%)	1	95	90	75	95	90	75
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	97	108	97	97
		Vibratory poker (CNP173) (100%)	1	102	102	92	102	102	92
		114	111	106	114	111	106		
				Max SWL=	117				106



Job Title : Planning and Engineering Study on Development of Lok Ma Chau Loop - Investigation
Heading : Plant Inventory

Reservoir Construction				SWL of Single PME			Total SWL		
Worksite R1				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Earthwork Group 1	Jan 2024 - Dec 2027	Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Roller (CNP185) (100%)	2	108	97	97	111	100	100
		Dump Truck (CNP068) (100%)	2	105	105	100	108	108	103
				114	106	102	117	109	105
Slopework (soil nail) Group 2	Jan 2024 - Dec 2027	Rock Drill (pneumatic) (CNP181) (100%)	1	128	128	118	128	128	118
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Air Compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Grout Pump (CNP 106) (100%)	2	105	105	95	108	108	98
		Grout Mixer (CNP105) (100%)	2	90	90	80	93	93	83
		Hoist, Petrol (CNP123) (100%)	2	104	104	104	107	107	107
				128	128	118	128	128	118
Service Reservoir Structure Group 3	Jan 2024 - Dec 2027	Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Bar Bender and Cutter (Electric) (CNP021) (100%)	2	90	90	90	93	93	93
		Vibratory poker (CNP170) (100%)	4	113	102	92	119	108	98
				115	110	104	120	114	108
Roadwork (Laying Utilities) Group 4	Jan 2024 - Dec 2027	Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Dump Truck (CNP068) (100%)	2	105	105	100	108	108	103
		Water pump (CNP281) (Electric) (100%)	2	88	88	83	91	91	86
				113	105	100	116	108	103
Service Reservoir Structure Group 5	Jan 2024 - Dec 2027	Concrete Lorry Mixer (CNP044) (100%)	2	109	109	104	112	112	107
		Generator (CNP103) (100%)	2	95	90	75	98	93	78
		Asphalt Paver (CNP004) (100%)	2	109	104	99	112	107	102
		Roller (CNP185) (100%)	2	108	97	97	111	100	100
				114	110	106	117	113	109
				Max SWL=	128		128		118