

Appendix 5.3

Detailed PME Inventory

Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Columbarium Area 1				SWL of Single PME			Total SWL		
Worksite CO1				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Site Formation	Jul 17 - Dec 19	Backhoe (CNP061) (100%)	2	112	93	88	115	96	91
		Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Generator (CNP010) (100%)	2	108	89	74	111	92	77
		Dump Truck (09%)	2	103	100	95	106	103	98
		Piling Rig and Drilling Rig (CNP167) (100%)	2	114	114	109	117	117	112
			118	114	109	121	117	112	
Retaining Wall		Generator (CNP010) (100%)	2	108	89	74	111	92	77
		Backhoe (CNP061) (100%)	2	112	93	88	115	96	91
		Piling, lare du bore, oscillate (CNP165) (100%)	2	115	115	110	118	118	113
		Rail Bender and Cutter (Electric) (CNP011) (100%)	2	90	90	90	93	93	93
		Site Generator Wood (CNP011) (100%)	2	108	108	98	111	111	101
		Mobile Crane (CNP048) (100%)	2	102	101	95	105	104	99
		Concrete Lorry Mixer (CNP044) (09%)	2	107	98	93	110	101	96
		Chemical Filler (CNP070) (100%)	2	113	102	92	116	105	95
		Concrete pump (CNP067) (100%)	2	109	105	96	112	109	99
		Air Compressor (CNP002) (100%)	2	102	102	87	105	105	90
			100	117	115	123	120	114	
Slopework		Mobile Crane (CNP048) (100%)	2	102	101	95	105	104	99
		Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Dump Truck (09%)	2	103	100	95	106	103	98
		Air Compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Generator (CNP010) (100%)	2	108	89	74	111	92	77
		Water pump (CNP281) (Electric) (100%)	2	88	88	78	91	91	81
		Drill, Percussive, hand-held (electric) (CNP064) (100%)	2	103	103	93	106	106	96
			115	108	100	118	111	103	
Access Road		Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Backhoe (CNP061) (100%)	2	112	93	88	115	96	91
		Roller (CNP185) (100%)	2	108	95	90	111	98	93
		Asphalt Paver (CNP004) (100%)	2	109	101	96	112	104	99
		Generator (CNP010) (100%)	2	108	89	74	111	92	77
		Dump Truck (09%)	2	103	100	95	106	103	98
		Water pump (CNP281) (Electric) (100%)	2	88	88	78	91	91	81
					117	105	100	120	108
			Total SWL=	127	122	117			

Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Columbarium Area 2				SWL of Single PME			Total SWL		
Worksite CO2				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Site Formation	Jul 17 - Dec 20	Backhoe (CNP061) (100%)	2	112	93	88	115	96	91
		Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Generator (CNP010) (100%)	2	108	89	74	111	92	77
		Dump Truck (09%)	2	103	100	95	106	103	98
		Piling Rig and Drilling Rig (CNP167) (100%)	2	114	114	109	117	117	112
			118	114	109	121	117	112	
Slopework		Mobile Crane (CNP048) (100%)	2	102	101	95	105	104	99
		Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Dump Truck (09%)	2	103	100	95	106	103	98
		Air Compressor (CNP002) (100%)	2	102	102	87	105	105	90
		Generator (CNP010) (100%)	2	108	89	74	111	92	77
		Drill, Percussive, hand-held (electric) (CNP064) (100%)	2	103	103	93	106	106	96
		Water pump (CNP281) (Electric) (100%)	2	88	88	78	91	91	81
			115	108	100	118	111	103	
Access Road		Excavator (CNP081) (100%)	2	112	93	88	115	96	91
		Backhoe (CNP061) (100%)	2	112	93	88	115	96	91
		Roller (CNP185) (100%)	2	108	95	90	111	98	93
		Asphalt Paver (CNP004) (100%)	2	109	101	96	112	104	99
		Generator (CNP010) (100%)	2	108	89	74	111	92	77
		Dump Truck (09%)	2	103	100	95	106	103	98
			117	105	100	120	108	103	
			Total SWL=	125	119	113			

Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Stockpiling Area			SWL of Single PME			Total SWL		
Worksite SP			SWL of Single PME			Total SWL		
Activity	Months	PME	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Stockpiling	Jul 17 - Dec 20	Dump Truck (70%)	103	100	95	110	107	102
			Total SWL^[1]			110	107	102

Note:
[1] Stockpiling works will be done concurrently with worksite CO2. PMEs for stockpiling such as excavator will be shared use.

Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Columbarium Area 3				SWL of Single PME			Total SWL			
Worksite CO2				SWL of Single PME			Total SWL			
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Site Formation (Phase 1)	Jul 17 - Dec 20	Backhoe (CNP081) (100%)	2	112	93	88	115	96	91	
		Excavator (CNP061) (100%)	2	112	93	88	115	96	91	
		Generator (CNP101) (100%)	2	108	89	74	111	92	77	
		Dump Truck (CP04)	2	103	100	95	106	103	98	
		Piling Rig and Drilling Rig (CNP167) (100%)	2	114	114	109	117	117	112	
				118	114	109	121	117	112	
Retaining Wall (Phase 1)		Generator (CNP101) (100%)	2	108	89	74	111	92	77	
		Backhoe (CNP081) (100%)	2	112	93	88	115	96	91	
		Piling, In-situ dia bored, oscillator (CNP165) (100%)	2	115	115	110	118	118	113	
		Bar Bender and Cutter Electric (CNP171) (100%)	2	90	90	90	93	93	93	
		Stra. Circular Nozzle (CNP101) (100%)	2	108	108	98	111	111	101	
		Mobile Crane (CNP048) (100%)	2	102	101	96	105	104	99	
		Concrete Lorry Mixer (CNP164) (70%)	2	107	98	93	110	101	96	
		Concrete Pump (CNP170) (100%)	2	113	102	92	116	105	95	
		Vacuum pump (CNP162) (100%)	2	109	106	96	112	109	99	
		Air Compressor (CNP102) (100%)	2	102	102	87	105	105	90	
						120	117	111	123	120
Slopework (Phase 1)		Mobile Crane (CNP048) (100%)	2	102	101	96	105	104	99	
		Excavator (CNP061) (100%)	2	112	93	88	115	96	91	
		Dump Truck (CP04)	2	103	100	95	106	103	98	
		Air Compressor (CNP102) (100%)	2	102	102	87	105	105	90	
		Generator (CNP101) (100%)	2	108	89	74	111	92	77	
		Roll. Pressure, hand-held electric (CNP166) (100%)	2	103	103	93	106	106	96	
		Water pump (CNP151) (Electric) (100%)	2	88	88	78	91	91	81	
						115	108	100	118	111
Access Road (Phase 2)		Excavator (CNP061) (100%)	2	112	93	88	115	96	91	
		Backhoe (CNP081) (100%)	2	112	93	88	115	96	91	
		Boiler (CNP185) (100%)	2	108	95	90	111	98	93	
		Asphalt Paver (CNP169) (100%)	2	109	101	96	112	104	99	
		Generator (CNP101) (100%)	2	108	89	74	111	92	77	
		Dump Truck (CP04)	2	103	100	95	106	103	98	
		Water pump (CNP181) (Electric) (100%)	2	88	88	78	91	91	81	
						117	109	100	120	108
							Total SWL	127	122	117

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Heading : Plant Inventory

Crematorium Area 1				SWL of Single PME			Total SWL				
Worksite CR1											
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated		
Site Formation (Phase 1)	Jul 18 - Dec 21	Backhoe (CNP081) (100%)	3	112	93	88	117	98	93		
		Excavator (CNP081) (100%)	3	112	93	88	117	98	93		
		Generator (CNP101) (100%)	3	108	89	74	113	94	79		
		Dump Truck (70%)	3	103	100	95	108	105	100		
		Piling Rig and Drilling Rig (CNP167) (100%)	3	114	114	109	119	119	114		
				118	114	109	123	119	114		
Slopework (Phase 1)		Mobile Crane (CNP049) (100%)	3	102	101	96	107	106	101		
		Excavator (CNP081) (100%)	3	112	93	88	117	98	93		
		Dump Truck (70%)	3	103	100	95	108	105	100		
		Air Compressor (CNP002) (100%)	3	102	102	87	107	107	92		
		Generator (CNP101) (100%)	3	108	89	74	113	94	79		
		Drill, Percussive, hand-held (electric) (CNP064) (100%)	2	103	103	93	106	106	96		
		Water pump (CNP281) (Electric) (100%)	3	88	88	78	93	93	83		
						115	108	100	119	112	105
Access Road (Phase 2)		Excavator (CNP081) (100%)	3	112	93	88	117	98	93		
		Backhoe (CNP081) (100%)	3	112	93	88	117	98	93		
		Roller (CNP185) (100%)	3	108	95	90	113	100	95		
		Asphalt Paver (CNP043) (100%)	3	109	101	96	114	106	101		
		Generator (CNP101) (100%)	3	108	89	74	113	94	79		
		Dump Truck (70%)	3	103	100	95	108	105	100		
		Water pump (CNP281) (Electric) (100%)	3	88	88	78	93	93	83		
						117	105	100	122	110	105
						Total SWL=	126	120	115		

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Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Construction of Viaduct				SWL of Single PME			Total SWL				
Worksite VD1											
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated		
Construction of Viaduct	Jul 19 - Dec 22	Excavator (CNP081) (100%)	2	112	93	88	115	96	91		
		Piling, large dia bored, oscillator (CNP165) (100%)	2	115	115	110	118	118	113		
		Concrete pump (CNP047) (100%)	2	109	106	96	112	109	99		
		Concrete Lorry Mixer (CNP044) (70%)	2	107	98	93	110	101	96		
		Generator (CNP101) (100%)	2	108	89	74	111	92	77		
		Saw, Circular Wood (CNP201) (100%)	2	108	108	98	111	111	101		
		Air Compressor (CNP002) (100%)	2	102	102	87	105	105	90		
		Tower Crane (CNP049) (100%)	2	95	95	95	98	98	98		
		Bar Bender and Cutter (Electric) (CNP021) (100%)	2	90	90	90	93	93	93		
		Piling Rig and Drilling Rig (CNP167) (100%)	2	114	114	109	117	117	112		
		Vibrator Poker (CNP170) (100%)	2	113	102	92	116	105	95		
						121	119	113	124	122	116
		Construction of Noise barrier		Piling, large dia bored, reverse circulation drill (CNP166) (100%)	2	100	100	95	103	103	98
						123	121	115	103	103	98
				Total SWL=	124	122	116				

Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Widening of Sha Ling Access Road 1				SWL of Single PME			Total SWL				
Worksite RD1											
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated		
Retaining Wall (Phase 1)	Jul 19 - Dec 22	Generator (CNP101) (100%)	1	108	89	74	108	89	74		
		Backhoe (CNP08) (100%)	1	112	93	88	112	93	88		
		Piling, large dia bored, oscillate (CNP165) (100%)	1	115	115	110	115	115	110		
		Rise Bender and Cutter (Electric) (CNP02) (100%)	1	90	90	90	90	90	90		
		Saw, Circular Wood (CNP201) (100%)	1	108	108	98	108	108	98		
		Mobile Crane (CNP048) (100%)	1	102	101	96	102	101	96		
		Concrete Lorry Mixer (CNP044) (100%)	1	107	98	93	107	98	93		
		Vibratory Pile (CNP170) (100%)	1	113	102	92	113	102	92		
		Concrete pump (CNP047) (100%)	1	109	106	96	109	106	96		
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87		
				120	117	111	120	117	111		
		Access Road (Phase 2)		Excavator (CNP281) (100%)	1	112	93	88	112	93	88
Backhoe (CNP08) (100%)	1			112	93	88	112	93	88		
Roller (CNP185) (100%)	1			108	95	90	108	95	90		
Asphalt Paver (CNP004) (100%)	1			109	101	96	109	101	96		
Generator (CNP101) (100%)	1			108	89	74	108	89	74		
Dump Truck (70%)	1			103	100	95	103	100	95		
Water pump (CNP281) (Electric) (100%)	1			88	88	78	88	88	78		
				117	105	100	117	105	100		
Construction of Noise barrier				Piling, large dia bored, reverse circulation drill (CNP166) (100%)	1	100	100	95	100	100	95
						100	100	95	100	100	95
							Max SWL¹⁾	120	117	111	

Note:
[1] The above construction activities will not occur concurrently, hence only maximum SWL is adopted.

Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Widening of Sha Ling Access Road 2				SWL of Single PME			Total SWL		
Worksite RD2									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Access Road (excavating works)	Jul 17 - Dec 20	Excavator (CNP08) (100%)	1	112	93	88	112	93	88
		Backhoe (CNP08) (100%)	1	108	89	74	108	89	74
		Generator (CNP101) (100%)	1	103	100	95	103	100	95
		Dump Truck (70%)	1	88	88	78	88	88	78
		Water pump (CNP281) (Electric) (100%)	1						
				116	102	97	116	102	97
Access Road (paving)		Roller (CNP185) (100%)	1	108	95	90	108	95	90
		Asphalt Paver (CNP004) (100%)	1	109	101	96	109	101	96
		Generator (CNP101) (100%)	1	108	89	74	108	89	74
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
Construction of Noise barrier		Piling, large dia bored, reverse circulation drill (CNP166) (100%)	1	113	102	97	113	102	97
				100	100	95	100	100	95
				Max SWL¹⁾	116	102	97		

Note:
[1] The above construction activities will not occur concurrently, hence only maximum SWL is adopted.

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Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Widening of Sha Ling Access Road 3				SWL of Single PME			Total SWL		
Worksite RD3				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Access Road	Jul 17 - Dec 20	Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Backhoe (CNP081) (100%)	1	112	93	88	112	93	88
		Roller (CNP185) (100%)	1	108	95	90	108	95	90
		Asphalt Paver (CNP004) (100%)	1	109	101	96	109	101	96
		Generator (CNP101) (100%)	1	108	89	74	108	89	74
		Dump Truck (70%)	1	103	100	95	103	100	95
		Water pump (CNP281) (Electric) (100%)	1	89	89	78	89	89	78
				117	105	100	117	105	100
Slope Work		Mobile Crane (CNP048) (100%)	1	102	101	96	102	101	96
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Dump Truck (70%)	1	103	100	95	103	100	95
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP101) (100%)	1	108	89	74	108	89	74
		Drill, Percussive, hand-held (electric) (CNP064) (100%)	2	103	103	93	106	106	96
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
				115	108	100	115	109	101
		Total SWL=	119	111	104				

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Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Utilities laying works 1				SWL of Single PME			Total SWL		
Worksite UT1				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Activity	Months	PME	Units						
Utilities laying works (excavating works)	Jun 20 - Jun 22	Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Backhoe (CNP081) (100%)	1	112	93	88	112	93	88
		Generator (CNP101) (100%)	1	108	89	74	108	89	74
		Dump Truck (70%)	1	103	100	95	103	100	95
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
				116	102	97	116	102	97
Utilities laying works (after installed utilities)		Roller (CNP185) (100%)	1	108	95	90	108	95	90
		Asphalt Paver (CNP004) (100%)	1	109	101	96	109	101	96
		Generator (CNP101) (100%)	1	108	89	74	108	89	74
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
		113	102	97	113	102	97		
		Max SWL¹⁾=	116	102	97				

Note:
[1] The above construction activities will not occur concurrently, hence only maximum SWL is adopted.

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Heading : Plant Inventory

Utilities laying works 2				SWL of Single PME			Total SWL		
Worksite UT2									
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Utilities laying works (excavating works)	Jan 20 - Jun 22	Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Backhoe (CNP081) (100%)	1	112	93	88	112	93	88
		Generator (CNP101) (100%)	1	108	89	74	108	89	74
		Dump Truck (0%)	1	103	100	95	103	100	95
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
				116	102	97	116	102	97
Utilities laying works (after installed utilities)		Roller (CNP185) (100%)	1	108	95	90	108	95	90
		Asphalt Paver (CNP004) (100%)	1	109	101	96	109	101	96
		Generator (CNP101) (100%)	1	108	89	74	108	89	74
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
						113	102	97	113
				Max SWL^[1]			116	102	97

Note:
[1] The above construction activities will not occur concurrently, hence only maximum SWL is adopted.

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Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

LMH Road Widening works 1				SWL of Single PME			Total SWL				
Worksite L1											
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated		
Road Widening works (excavating works)	Jun 19 - Jun 22	Excavator (CNP081) (100%)	1	112	93	88	112	93	88		
		Backhoe (CNP081) (100%)	1	112	93	88	112	93	88		
		Generator (CNP101) (100%)	1	108	89	74	108	89	74		
		Dump Truck (0%)	1	103	100	95	103	100	95		
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78		
						116	102	97	116	102	97
Road Widening works (after installed utilities)		Roller (CNP185) (100%)	1	108	95	90	108	95	90		
		Asphalt Paver (CNP004) (100%)	1	109	101	96	109	101	96		
		Generator (CNP101) (100%)	1	108	89	74	108	89	74		
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78		
						113	102	97	113	102	97
Construction of Noise barrier		Dilma, large dia bored, reverse circulation drill (CNP166) (100%)	1	100	100	95	100	100	95		
				100	100	95	100	100	95		
				Max SWL^[1]			116	102	97		

Note:
[1] The above construction activities will not occur concurrently, hence only maximum SWL is adopted.

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Heading : Plant Inventory

LMH Road Widening works 2				SWL of Single PME			Total SWL			
Worksite L2										
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Road Widening works (excavating works)	Jun 19 - Jun 22	Excavator (CNP081) (100%)	1	112	93	88	112	93	88	
		Backhoe (CNP081) (100%)	1	112	93	88	112	93	88	
		Generator (CNP101) (100%)	1	108	89	74	108	89	74	
		Dump Truck (0%)	1	103	100	95	103	100	95	
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78	
				116	102	97	116	102	97	
Road Widening works (after installed utilities)		Roller (CNP185) (100%)	1	108	95	90	108	95	90	
		Asphalt Paver (CNP004) (100%)	1	109	101	96	109	101	96	
		Generator (CNP101) (100%)	1	108	89	74	108	89	74	
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78	
						113	102	97	113	102
Construction of Noise barrier		Billing, large dia bored, reverse circulation drill (CNP166) (100%)	1	100	100	95	100	100	95	
				100	100	95	100	100	95	
							Max SWL¹⁾	116	102	97

Note:
[1] The above construction activities will not occur concurrently, hence only maximum SWL is adopted.

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Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

LMH Road Widening works 3				SWL of Single PME			Total SWL			
Worksite L3										
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated	
Utilities laying works (excavating works)	Jun 19 - Jun 22	Excavator (CNP081) (100%)	1	112	93	88	112	93	88	
		Backhoe (CNP081) (100%)	1	112	93	88	112	93	88	
		Generator (CNP101) (100%)	1	108	89	74	108	89	74	
		Dump Truck (0%)	1	103	100	95	103	100	95	
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78	
				116	102	97	116	102	97	
Utilities laying works (after installed utilities)		Roller (CNP185) (100%)	1	108	95	90	108	95	90	
		Asphalt Paver (CNP004) (100%)	1	109	101	96	109	101	96	
		Generator (CNP101) (100%)	1	108	89	74	108	89	74	
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78	
						113	102	97	113	102
							Max SWL¹⁾	116	102	97

Note:
[1] The above construction activities will not occur concurrently, hence only maximum SWL is adopted.

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Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Slope works Area 1				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
Excavating works	Jun 19 - Jun 22	Mobile Crane (CNP048) (100%)	1	102	101	96	102	101	96
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Dump Truck (70%)	1	103	100	95	103	100	95
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
				113	104	99	113	104	99
Slopewerk		Dump Truck (70%)	1	103	100	95	103	100	95
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP003) (100%)	1	108	89	74	108	89	74
		Drill, Percussive, hand-held (electric) (CNP064) (100%)	1	103	103	93	103	103	93
				111	107	98	111	107	98
						Max SWL^{1/a}	113	107	99

Note:
[1] The above construction activities will not occur concurrently, hence only maximum SWL is adopted.

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Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Slope works Area 2				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
Excavating works	Jun 19 - Jun 22	Mobile Crane (CNP048) (100%)	1	102	101	96	102	101	96
		Excavator (CNP081) (100%)	1	112	93	88	112	93	88
		Dump Truck (70%)	1	103	100	95	103	100	95
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
				113	104	99	113	104	99
Slopewerk		Dump Truck (70%)	1	103	100	95	103	100	95
		Air Compressor (CNP002) (100%)	1	102	102	87	102	102	87
		Generator (CNP003) (100%)	1	108	89	74	108	89	74
		Drill, Percussive, hand-held (electric) (CNP064) (100%)	1	103	103	93	103	103	93
				111	107	98	111	107	98
						Max SWL^{1/a}	113	107	99

Note:
[1] The above construction activities will not occur concurrently, hence only maximum SWL is adopted.

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Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Construction of OWTF Phase II			SWL of Single PME			Total SWL		
Worksite OWTF								
Activity	Months	PME	Units					
			Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Cumulative Noise Impact	Mar 16 - Jan 19	Site 1 Activity 4 - Buildings						112
		Site 1 Activity 7 - Landscaping						106
		Site 2 Activity 4 - Buildings						112
		Site 2 Activity 7 - Landscaping						106
		Rising Main and Pipeline Activity 3 - Minor Modification of Access Road						106
						Total SWL	116	

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Job Title : Site Formation and Associated Infrastructural Works for Development of Columbarium, Crematorium and Related Facilities at Sandy Ridge Cemetery
Heading : Plant Inventory

Widening of Lin Ma Hang Road (West)			SWL of Single PME			Total SWL		
Worksite LMH								
Activity	Months	PME	Units					
			Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Cumulative Noise Impact	Jun 16 - Dec 18	Site 1 Activity 1 - Sheet Piling						103
		Site 1 Activity 2 - Foundation Works						96
		Site 1 Activity 3 - Construct Substructure and Superstructure						99
		Site 2 Activity 1 - Install Protective Measures						95
		Site 2 Activity 2 - Demolish Existing Bridge						98
		Site 2 Activity 3 - Sheet Piling						103
		Site 2 Activity 4 - Foundation Works						98
		Site 2 Activity 5 - Construct Substructure and Superstructure						99
						Total SWL	109	