

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : PL6 (Po Tat Estate to Kwun Tong MTR)
Works Site : S1a

Pedestrian Connectivity _ PL6 (Po Tat Estate To Kwun Tong MTR)									
Works Area WC02 - Pedestrian Connectivity _ PL6 (Po Tat Estate To Kwun Tong MTR)				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling S1a	Aug 2016 - Mar 2018	Mobile Crane (CNP048) (20%)	1	105	94	89	105	94	89
		Rock drill, crawler mounted (hydraulic) (CNP182) (60%)	1	121	106	101	121	106	101
		Excavator (CNP081) (50%)	1	109	96	91	109	96	91
		Dump Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
				122	111	105	122	111	105
Superstructure S1a	Jul 2017 - Jan 2019	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Mobile Crane (CNP048) (30%)	1	107	96	91	107	96	91
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (30%)	1	108	97	92	108	97	92
		Concrete Pump (CNP047) (30%)	1	104	104	99	104	104	99
				114	109	104	114	109	104

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Proposed Vertical Transfer System A
Works Site : S1b

Pedestrian Connectivity _ Proposed Vertical Transfer System A									
Works Area WC03 - Pedestrian Connectivity _ Proposed Vertical Transfer System A				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill) S1b	Aug 2016 - Mar 2018	Backhoe (CNP081) (50%)	2	109	96	91	112	99	94
		Excavator (CNP081) (30%)	1	107	94	89	107	94	89
		Generator (CNP103) (100%)	2	95	95	85	98	98	88
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
				116	104	99	119	107	101
Piling S1b	Aug 2016 - Mar 2018	Mobile Crane (CNP048) (20%)	1	105	94	89	105	94	89
		Rock drill, crawler mounted (hydraulic) (CNP182) (60%)	1	121	106	101	121	106	101
		Excavator (CNP081) (50%)	1	109	96	91	109	96	91
		Dump Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
				122	111	105	122	111	105
Superstructure S1b	Jul 2017 - Jan 2019		Max	122	111	105	122	111	105
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Mobile Crane (CNP048) (30%)	1	107	96	91	107	96	91
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (30%)	1	108	97	92	108	97	92
		Concrete Pump (CNP047) (30%)	1	104	104	99	104	104	99
		114	109	104	114	109	104		

Note: The activities of Earthwork & Piling should not be operated at the same time, the maximum SWL of these two activities will be adopted for assessment purpose.

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Proposed Vertical Transfer System B
Works Site : S1c

Pedestrian Connectivity _ Proposed Vertical Transfer System B									
Works Area WC03 - Pedestrian Connectivity _ Proposed Vertical Transfer System B				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork (Excavation and Backfill) S1c	Aug 2016 - Mar 2018	Backhoe (CNP081) (50%)	2	109	96	91	112	99	94
		Excavator (CNP081) (30%)	1	107	94	89	107	94	89
		Generator (CNP103) (100%)	2	95	95	85	98	98	88
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
						116	104	99	119
Piling S1c	Aug 2016 - Mar 2018	Mobile Crane (CNP048) (20%)	1	105	94	89	105	94	89
		Rock drill, crawler mounted (hydraulic) (CNP182) (60%)	1	121	106	101	121	106	101
		Excavator (CNP081) (50%)	1	109	96	91	109	96	91
		Dump Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
						122	111	105	122
Superstructure S1c	Jul 2017 - Jan 2019		Max	122	111	105	122	111	105
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Mobile Crane (CNP048) (30%)	1	107	96	91	107	96	91
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (30%)	1	108	97	92	108	97	92
		Concrete Pump (CNP047) (30%)	1	104	104	99	104	104	99
				114	109	104	114	109	104

Note: The activities of Earthwork & Piling should not be operated at the same time, the maximum SWL of these two activities will be adopted for assessment purpose.

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Construction of Sewage Pipe at Southern End
Works Site : S1d

Construction of Sewage Pipe at Southern End									
Works Area WC02 - Construction of Sewage Pipe at Southern End				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Sewage Pipework S1d	Aug 2018 - Jul 2019	Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (30%)	1	108	97	92	108	97	92
				110	106	101	110	106	101

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Construction of Sewage Pipe at Southern End
Works Site : S1e

Construction of Sewage Pipe at Southern End									
Works Area WC02 - Construction of Sewage Pipe at Southern End				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Sewage Pipework S1e	Aug 2018 - Jul 2019	Breaker, Excavator Mounted (Hydraulic) (CNP028) (30%)	1	117	105
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
				117	105	100	117	105	100
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Concrete Lorry Mixer (CNP044) (30%)	1	104	104	99	104	104	99
		Vibratory Poker (CNP170) (15%)	1	105	94	89	105	94	89
				108	105	99	108	105	99
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Roller (CNP185) (30%)	1	103	92	87	103	92	87
				103	97	89	103	97	89
			Max	117	105	100	117	105	100

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Phase 1 area
Works Site : S2a

Site Formation and Engineering Infrastructure at Main Site - Phase 1 area									
Works Area WC03 - Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork S2a	Sep 2016 - Dec 2017	Backhoe (CNP081) (50%)	1	109	96	91	109	96	91
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
					116	104	99	118	106

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Phase 1 area

Works Site : S2b

Site Formation and Engineering Infrastructure at Main Site - Phase 1 area									
Works Area WC03 - Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork S2b	Sep 2016 - Dec 2017	Backhoe (CNP081) (50%)	2	109	96	91	112	99	94
		Generator (CNP103) (100%)	1	95	95	85	95	85	
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
		Dump Truck (CNP067) (50%)	3	114	102	97	119	107	102
				116	104	99	120	108	103

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Phase 1 area

Works Site : S2c

Site Formation and Engineering Infrastructure at Main Site - Phase 1 area									
Works Area WC03 - Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork S2c	Sep 2016 - Dec 2017	Backhoe (CNP081) (50%)	2	109	96	91	112	99	94
		Generator (CNP103) (100%)	1	95	95	85	95	85	
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
		Dump Truck (CNP067) (50%)	3	114	102	97	119	107	102
				116	104	99	120	108	103

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Phase 1 area

Works Site : S3a

Site Formation and Engineering Infrastructure at Main Site - Phase 1 area									
Works Area WC03 - Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Roadworks S3a	Mar 2017 - Oct 2018	Backhoe (CNP081) (50%) Generator (CNP103) (100%) Truck (CNP067) (50%) Saw, circular, wood (CNP201) (20%) Concrete Lorry Mixer (CNP044) (50%) Breaker, excavator mounted (pneumatic) (CNP027) (30%) Water pump (CNP281) (Electric) (100%) Roller, vibratory (CNP186) (20%)	1 1 1 1 1 1 1 1	109 95 114 101 106 117 88 101	96 95 102 96 106 105 88 101
Paving S3a	Nov 2018 - Dec 2018	Truck (CNP067) (50%) Generator (CNP101) (100%) Asphalt Paver (CNP004) (70%) Roller (CNP185) (50%)	1 1 1 1	114 108 107 105	102 95 102 94	97 85 97 89	114 108 107 105	102 95 102 94	97 85 97 89
				119	110	105	119	110	105
				116	106	101	116	106	101

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Phase 1 area
Works Site : S3b

Site Formation and Engineering Infrastructure at Main Site - Phase 1 area									
Works Area WC03 - Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	SWL of Single PME			Total SWL		
				Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Roadworks S3b	Mar 2017 - Oct 2018	Backhoe (CNP081) (50%)	1	109	96	91	109	96	91
		Generator (CNP103) (100%)	1	95	95	85	95	85	
		Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
		Roller, vibratory (CNP186) (20%)	1	101	101	96	101	101	96
				119	110	105	119	110	105
Paving S3b	Nov 2018 - Dec 2018	Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Asphalt Paver (CNP004) (70%)	1	107	102	97	107	102	97
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
						116	106	101	116

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Phase 1 area

Works Site : S3c

Site Formation and Engineering Infrastructure at Main Site - Phase 1 area									
Works Area WC03 - Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Roadworks S3c	Mar 2017 - Oct 2018	Backhoe (CNP081) (50%) Generator (CNP103) (100%) Truck (CNP067) (50%) Saw, circular, wood (CNP201) (20%) Concrete Lorry Mixer (CNP044) (50%) Breaker, excavator mounted (pneumatic) (CNP027) (30%) Water pump (CNP281) (Electric) (100%) Roller, vibratory (CNP186) (20%)	2 1 2 1 2 1 1 1	109 95 114 101 106 117 88 101	96 95 102 96 106 105 88 101
Paving S3c	Nov 2018 - Dec 2018	Truck (CNP067) (50%) Generator (CNP101) (100%) Asphalt Paver (CNP004) (70%) Roller (CNP185) (50%)	2 1 1 1	114 108 107 105	102 95 102 94	97 85 97 89	117 108 107 105	105 95 102 94	100 85 97 89
				119	110	105	121	112	107
				116	106	101	118	107	102

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Phase 1 area

Works Site : S4a

Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME						Total SWL		
Works Area WC03 - Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME						Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated			
Piling S4a	Jul 2019 - Jun 2020	Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93			
		Piling, Large Bored Pile (CNP166) (50%)	1	97	97	87	97	87	87			
		Excavator (CNP081) (30%)	1	107	94	89	107	94	89			
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100			
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92			
		Generator (CNP101) (100%)	1	108	95	85	108	95	85			
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104			
				117	109	104	119	112	106			
Pile Cap S4a	Jul 2020 - Dec 2020	Air compressor (CNP002) (100%)	2	102	102	92	105	105	95			
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	2	117	105	100	120	108	103			
		Excavator (CNP081) (50%)	2	109	96	91	112	99	94			
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100			
		Saw, circular, wood (CNP201) (30%)	1	103	98	93	103	98	93			
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78			
		Generator (CNP101) (100%)	1	108	95	85	108	95	85			
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101			
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101			
		Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93			
		Vibratory Poker (CNP170) (20%)	1	106	95	90	106	95	90			
				120	112	107	123	114	108			
Superstructure S4a	Sep 2020 - Jun 2022	Generator (CNP101) (100%)	2	108	95	85	111	98	88			
		Saw, circular, wood (CNP201) (30%)	3	103	98	93	108	103	98			
		Air compressor (CNP002) (100%)	2	102	102	92	105	105	95			
		Concrete Lorry Mixer (CNP044) (50%)	3	106	106	101	111	111	106			
		Tower Crane (CNP049) (60%)	2	93	93	88	96	96	91			
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	85	90	90	85			
		Vibratory Poker (CNP170) (30%)	1	108	97	92	108	97	92			
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101			
				114	110	105	116	114	108			
MEP installation S4a	Jan 2022 - Sep 2022	Truck (CNP067) (50%)	1	114	102	97	114	102	97			
				114	110	105	116	114	108			

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Phase 1 area
Works Site : S4b

Site Formation and Engineering Infrastructure at Main Site - Phase 1 area									
Works Area WC03 - Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling S4b	Jul 2019 - Jun 2020	Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Piling, Large Bored Pile (CNP166) (50%)	1	97	97	87	97	97	87
		Excavator (CNP081) (30%)	1	107	94	89	107	94	89
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
				117	109	104	119	110	104
Pile Cap S4b	Jul 2020 - Dec 2020	Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	1	117	105	100	117	105	100
		Excavator (CNP081) (50%)	1	109	96	91	109	96	91
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
		Saw, circular, wood (CNP201) (30%)	1	103	98	93	103	98	93
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (20%)	1	106	95	90	106	95	90
						120	112	107	121
Superstructure S4b	Sep 2020 - Jun 2022	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Saw, circular, wood (CNP201) (30%)	2	103	98	93	106	101	96
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	85	90	90	85
		Vibratory Poker (CNP170) (30%)	1	108	97	92	108	97	92
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
				114	110	105	115	112	107
MEP installation S4b	Jan 2022 - Sep 2022	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	110	105	115	112	107

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Subtitle : Phase 1 area
Works Site : S4c

Site Formation and Engineering Infrastructure at Main Site - Phase 1 area									
Works Area WC03 - Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling S4c	Jul 2019 - Jun 2020	Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Piling, Large Bored Pile (CNP166) (50%)	1	97	97	87	97	97	87
		Excavator (CNP081) (30%)	1	107	94	89	107	94	89
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
				117	109	104	119	110	104
Pile Cap S4c	Jul 2020 - Dec 2020	Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	1	117	105	100	117	105	100
		Excavator (CNP081) (50%)	1	109	96	91	109	96	91
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
		Saw, circular, wood (CNP201) (30%)	1	103	98	93	103	98	93
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (20%)	1	106	95	90	106	95	90
						120	112	107	121
Superstructure S4c	Sep 2020 - Jun 2022	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Saw, circular, wood (CNP201) (30%)	1	103	98	93	103	98	93
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	85	90	90	85
		Vibratory Poker (CNP170) (30%)	1	108	97	92	108	97	92
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
				114	110	105	114	110	105
MEP installation S4c	Jan 2022 - Sep 2022	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	110	105	114	110	105

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Title : Plant Inventory
Subtitle : Phase 1 area
Works Site : S4d

Site Formation and Engineering Infrastructure at Main Site - Phase 1 area									
Works Area WC03 - Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Piling S4d	Jul 2019 - Jun 2020	Mobile Crane (CNP048) (50%) Piling, Large Bored Pile (CNP166) (50%) Excavator (CNP081) (30%) Dump Truck (CNP067) (50%) Air compressor (CNP002) (100%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%)	1 1 1 2 1 1 1	109 97 107 114 102 108 106	98 97 94 102 102 95 106
Pile Cap S4d	Jul 2020 - Dec 2020	Air compressor (CNP002) (100%) Breaker, excavator mounted (pneumatic) (CNP027) (30%) Excavator (CNP081) (50%) Dump Truck (CNP067) (50%) Saw, circular, wood (CNP201) (30%) Bar Bender, Cutter (CNP021) (20%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%) Concrete pump (CNP047) (50%) Mobile Crane (CNP048) (50%) Vibratory Poker (CNP170) (20%)	2 2 2 2 1 1 1 1 1 1 1	102 117 109 114 103 83 108 106 106 109 106	102 105 96 102 98 83 95 106 106 98 95	92 100 91 97 93 78 85 101 101 93 90	105 120 112 117 103 83 108 106 106 109 106	105 108 99 105 98 83 95 106 106 98 95	95 103 94 100 93 78 85 101 101 93 90
Superstructure S4d	Sep 2020 - Jun 2022	Generator (CNP101) (100%) Saw, circular, wood (CNP201) (30%) Air compressor (CNP002) (100%) Concrete Lorry Mixer (CNP044) (50%) Tower Crane (CNP049) (60%) Bar Bender, Cutter (CNP021) (100%) Vibratory Poker (CNP170) (30%) Concrete pump (CNP047) (50%)	2 3 2 3 2 1 1 1	108 103 102 106 93 90 108 106	95 98 102 106 93 90 97 106	85 93 92 101 88 85 92 101	111 108 105 111 96 90 108 106	98 103 105 111 96 90 97 106	88 98 95 106 91 85 92 101
MEP installation S4d	Jan 2022 - Sep 2022	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	110	105	116	114	108

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Phase 1 area
Works Site : S4e

Site Formation and Engineering Infrastructure at Main Site - Phase 1 area									
Works Area WC03 - Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling S4e	Jul 2019 - Jun 2020	Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Piling, Large Bored Pile (CNP166) (50%)	1	97	97	87	97	97	87
		Excavator (CNP081) (30%)	1	107	94	89	107	94	89
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
				117	109	104	119	110	104
Pile Cap S4e	Jul 2020 - Dec 2020	Air compressor (CNP002) (100%)	2	102	102	92	105	105	95
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	2	117	105	100	120	108	103
		Excavator (CNP081) (50%)	2	109	96	91	112	99	94
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
		Saw, circular, wood (CNP201) (30%)	1	103	98	93	103	98	93
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
		Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Vibratory Poker (CNP170) (20%)	1	106	95	90	106	95	90
				120	112	107	123	114	108
Superstructure S4e	Sep 2020 - Jun 2022	Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Saw, circular, wood (CNP201) (30%)	3	103	98	93	108	103	98
		Air compressor (CNP002) (100%)	2	102	102	92	105	105	95
		Concrete Lorry Mixer (CNP044) (50%)	3	106	106	101	111	111	106
		Tower Crane (CNP049) (60%)	2	93	93	88	96	96	91
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	85	90	90	85
		Vibratory Poker (CNP170) (30%)	1	108	97	92	108	97	92
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
				114	110	105	116	114	108
MEP installation S4e	Jan 2022 - Sep 2022	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	110	105	116	114	108

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Phase 1 area
Works Site : S4f

Site Formation and Engineering Infrastructure at Main Site - Phase 1 area									
Works Area WC03 - Site Formation and Engineering Infrastructure at Main Site - Phase 1 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling S4f	Jul 2019 - Jun 2020	Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Piling, Large Bored Pile (CNP166) (50%)	1	97	97	87	97	97	87
		Excavator (CNP081) (30%)	1	107	94	89	107	94	89
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
				117	109	104	119	112	106
Pile Cap S4f	Jul 2020 - Dec 2020	Air compressor (CNP002) (100%)	2	102	102	92	105	105	95
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	2	117	105	100	120	108	103
		Excavator (CNP081) (50%)	2	109	96	91	112	99	94
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
		Saw, circular, wood (CNP201) (30%)	1	103	98	93	103	98	93
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
		Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Vibratory Poker (CNP170) (20%)	1	106	95	90	106	95	90
				120	112	107	123	114	108
Superstructure S4f	Sep 2020 - Jun 2022	Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Saw, circular, wood (CNP201) (30%)	3	103	98	93	108	103	98
		Air compressor (CNP002) (100%)	2	102	102	92	105	105	95
		Concrete Lorry Mixer (CNP044) (50%)	3	106	106	101	111	111	106
		Tower Crane (CNP049) (60%)	2	93	93	88	96	96	91
		Bar Bender, Cutter (CNP021) (100%)	1	90	90	85	90	90	85
		Vibratory Poker (CNP170) (30%)	1	108	97	92	108	97	92
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
				114	110	105	116	114	108
MEP installation S4f	Jan 2022 - Sep 2022	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	110	105	116	114	108

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Access Road to Po Lam Road (Connection between Main Site and Po Lam Road)
Works Site : S5

Access Road to Po Lam Road (Connection between Main Site and Po Lam Road)									
Works Area WC03 - Access Road to Po Lam Road (Connection between Main Site and Po Lam Road)				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Tunnelling and Earthwork S5	Sep 2016 - Feb 2018	Generator (CNP103) (100%)	2	95	95	85	98	98	88
		Rock drill, crawler mounted (hydraulic) (CNP182) (60%)	2	121	106	101	124	109	104
		Dump Truck (CNP067) (30%)	2	112	100	95	115	103	98
		Concrete Lorry Mixer (CNP044) (30%)	2	104	104	99	107	107	102
		Excavator (CNP081) (50%)	2	109	96	91	112	99	94
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	2	117	105	100	120	108	103
		Water pump (CNP281) (Electric) (100%)	2	88	88	78	91	91	81
		Vibratory Poker (CNP170) (100%)	1	113	102	97	113	102	97
				123	111	106	126	114	109
Surfacing S5	Mar 2018 - Jun 2018	Concrete Lorry Mixer (CNP044) (70%)	1	107	107	102	107	107	102
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	92	108	97	92
				114	109	104	114	109	104

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : L4 of ARQ (Connection between Main Site and DAR)

Works Site : S6a

L4 of ARQ (Connection between Main Site and DAR)									
Works Area WC03 - L4 of ARQ (Connection between Main Site and DAR)				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Roadwork S6a	Mar 2018 - Oct 2018	Backhoe (CNP081) (50%)	2	109	96
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Dump truck (CNP067) (50%)	2	114	102	97	117	105	100
				116	108	103	119	111	101
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Saw, circular, wood (CNP201) (50%)	2	105	100	95	108	103	98
		Bar Bender, Cutter (CNP021) (50%)	1	87	87	82	87	87	82
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
				110	103	97	113	105	99
			Max	116	108	103	119	111	101
Surfacing S6a	Nov 2018 - Dec 2018	Dump truck (CNP067) (50%)	1	114	102	97	114	102	97
		Generator (CNP101) (100%)	4	108	95	85	114	101	91
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	92	108	97	92
				117	107	102	118	108	102

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : L4 of ARQ (Connection between Main Site and DAR)

Works Site : S6b

L4 of ARQ (Connection between Main Site and DAR)									
Works Area WC03 - L4 of ARQ (Connection between Main Site and DAR)				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Roadwork S6b	Mar 2018 - Oct 2018	Backhoe (CNP081) (50%)	2	109	96
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Dump truck (CNP067) (50%)	2	114	102	97	117	105	100
				116	108	103	119	111	106
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Saw, circular, wood (CNP201) (50%)	2	105	100	95	108	103	98
		Bar Bender, Cutter (CNP021) (50%)	1	87	87	82	87	87	82
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
		Vibratory Poker (CNP170) (20%)	2	106	95	90	109	98	93
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
				110	103	97	113	105	100
			Max	116	108	103	119	111	106
Surfacing S6b	Nov 2018 - Dec 2018	Dump truck (CNP067) (50%)	1	114	102	97	114	102	97
		Generator (CNP101) (100%)	4	108	95	85	114	101	91
		Asphalt Paver (CNP004) (100%)	1	109	104	99	109	104	99
		Roller (CNP185) (100%)	1	108	97	92	108	97	92
				117	107	102	118	108	102

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : L4 of ARQ (Connection between Main Site and DAR)

Works Site : S6c

L4 of ARQ (Connection between Main Site and DAR)									
Works Area WC03 - L4 of ARQ (Connection between Main Site and DAR)				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Retaining Walls S6c	Mar 2018 - Nov 2018	Generator (CNP101) (100%)	1	108	95
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Breaker, handheld (CNP023) (100%)	1	108	106	101	108	106	101
		Excavator (CNP081) (70%)	1	110	97	92	110	97	92
				114	108	102	114	108	102
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Mobile Crane (CNP048) (100%)	1	112	101	96	112	101	96
		Concrete Lorry Mixer (CNP044) (70%)	2	107	107	102	110	110	105
		Concrete pump (CNP047) (100%)	1	109	109	104	109	109	104
		Vibratory Poker (CNP170) (100%)	2	113	102	97	116	105	100
				118	113	107	119	114	109
			Max	118	113	107	119	114	109

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area

Works Site : S11a

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork S11a	Jul 2018 - Jul 2020	Backhoe (CNP081) (50%)	2	109	96	91	112	99	94
		Generator (CNP103) (100%)	1	95	95	85	95	85	
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
				116	104	99	118	107	101

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area

Works Site : S11b

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork S11b	Jul 2018 - Jul 2020	Backhoe (CNP081) (50%)	2	109	96	91	112	99	94
		Generator (CNP103) (100%)	1	95	95	85	95	85	
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
				116	104	99	118	107	101

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S11c

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Earthwork S11c	Jul 2018 - Jul 2020	Backhoe (CNP081) (50%) Generator (CNP103) (100%) Roller (CNP185) (50%) Dump Truck (CNP067) (50%)	2 1 1 2	109 95 105 114	96 95 94 102
				116	104	99	118	107	101

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area

Works Site : S11d

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork S11d	Jul 2018 - Jul 2020	Backhoe (CNP081) (50%)	1	109	96	91	109	96	91
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
		Dump Truck (CNP067) (50%)	1	114	102	97	114	102	97
				116	104	99	116	104	99

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area

Works Site : S11e

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Earthwork S11e	Jul 2018 - Jul 2020	Backhoe (CNP081) (50%)	1	109	96	91	109	96	91
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
		Dump Truck (CNP067) (50%)	1	114	102	97	114	102	97
				116	104	99	116	104	99

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S12a

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Roadwork S12a	Apr 2019 - Oct 2020	Backhoe (CNP081) (50%) Generator (CNP103) (100%) Truck (CNP067) (50%) Saw, circular, wood (CNP201) (20%) Concrete Lorry Mixer (CNP044) (50%) Breaker, excavator mounted (pneumatic) (CNP027) (30%) Water pump (CNP281) (Electric) (100%) Roller, vibratory (CNP186) (20%)	1 1 1 1 1 1 1 1	109 95 114 101 106 117 88 101	96 95 102 96 106 105 88 101
Paving S12a	Nov 2020 - Dec 2020	Truck (CNP067) (50%) Generator (CNP101) (100%) Asphalt Paver (CNP004) (70%) Roller (CNP185) (50%)	1 1 1 1	114 108 107 105	102 95 102 94	97 85 97 89	114 108 107 105	102 95 102 94	97 85 97 89
				119	110	105	119	110	105
				116	106	101	116	106	101

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area

Works Site : S12b

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Roadwork S12b	Apr 2019 - Oct 2020	Backhoe (CNP081) (50%)	1	109	96	91	109	96	91
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
		Roller, vibratory (CNP186) (20%)	1	101	101	96	101	101	96
				119	110	105	119	110	105
Paving S12b	Nov 2020 - Dec 2020	Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Asphalt Paver (CNP004) (70%)	1	107	102	97	107	102	97
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
						116	106	101	116

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S12c

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Roadwork S12c	Apr 2019 - Oct 2020	Backhoe (CNP081) (50%) Generator (CNP103) (100%) Truck (CNP067) (50%) Saw, circular, wood (CNP201) (20%) Concrete Lorry Mixer (CNP044) (50%) Breaker, excavator mounted (pneumatic) (CNP027) (30%) Water pump (CNP281) (Electric) (100%) Roller, vibratory (CNP186) (20%)	1 1 1 1 1 1 1 1	109 95 114 101 106 117 88 101	96 95 102 96 106 105 88 101
Paving S12c	Nov 2020 - Dec 2020	Truck (CNP067) (50%) Generator (CNP101) (100%) Asphalt Paver (CNP004) (70%) Roller (CNP185) (50%)	1 1 1 1	114 108 107 105	102 95 102 94	97 85 97 89	114 108 107 105	102 95 102 94	97 85 97 89
				119	110	105	119	110	105
				116	106	101	116	106	101

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S12d

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Roadwork S12d	Apr 2019 - Oct 2020	Backhoe (CNP081) (50%)	1	109	96	91	109	96	91
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
		Roller, vibratory (CNP186) (20%)	1	101	101	96	101	101	96
				119	110	105	119	110	105
Paving S12d	Nov 2020 - Dec 2020	Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Asphalt Paver (CNP004) (70%)	1	107	102	97	107	102	97
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
						116	106	101	116

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area

Works Site : S12e

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Roadwork S12e	Apr 2019 - Oct 2020	Backhoe (CNP081) (50%)	1	109	96	91	109	96	91
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	1	117	105	100	117	105	100
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
		Roller, vibratory (CNP186) (20%)	1	101	101	96	101	101	96
				119	110	105	119	110	105
Paving S12e	Nov 2020 - Dec 2020	Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Asphalt Paver (CNP004) (70%)	1	107	102	97	107	102	97
		Roller (CNP185) (50%)	1	105	94	89	105	94	89
						116	106	101	116

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S13a

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling S13a	Jan 2021 - Dec 2021	Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Piling, Large Bored Pile (CNP166) (50%)	1	97	97	87	97	97	87
		Excavator (CNP081) (30%)	1	107	94	89	107	94	89
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
				117	109	104	119	110	104
Pile Cap - Excavation S13a	Jan 2022 - Jun 2022	Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	1	117	105	100	117	105	100
		Excavator (CNP081) (50%)	1	109	96	91	109	96	91
		Dump Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Saw, circular, wood (CNP201) (30%)	1	103	98	93	103	98	93
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
		Mobile Crane (CNP048) (30%)	1	107	96	91	107	96	91
		Vibratory Poker (CNP170) (20%)	1	106	95	90	106	95	90
				120	112	107	120	113	108
Superstructure S13a	Mar 2022 - Aug 2023	Generator (CNP101) (100%)	2	108	95	85	111	98	88
		Saw, circular, wood (CNP201) (30%)	2	103	98	93	106	101	96
		Air compressor (CNP002) (100%)	2	102	102	92	105	105	95
		Concrete Lorry Mixer (CNP044) (50%)	3	106	106	101	111	111	106
		Tower Crane (CNP049) (60%)	2	93	93	88	96	96	91
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Vibratory Poker (CNP170) (30%)	1	108	97	92	108	97	92
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
				114	110	105	116	113	108
MEP installation S13a	Apr 2023 - Dec 2023	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	102	97	114	102	97

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S13b

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Piling S13b	Jan 2021 - Dec 2021	Mobile Crane (CNP048) (50%) Piling, Large Bored Pile (CNP166) (50%) Excavator (CNP081) (30%) Dump Truck (CNP067) (50%) Air compressor (CNP002) (100%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%)	1 1 1 1 1 1 1	109 97 107 114 102 108 106 117	98 97 94 102 102 95 106 109
Pile Cap - Excavation S13b	Jan 2022 - Jun 2022	Air compressor (CNP002) (100%) Breaker, excavator mounted (pneumatic) (CNP027) (30%) Excavator (CNP081) (50%) Dump Truck (CNP067) (50%) Saw, circular, wood (CNP201) (30%) Bar Bender, Cutter (CNP021) (20%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%) Concrete pump (CNP047) (50%) Mobile Crane (CNP048) (30%) Vibratory Poker (CNP170) (20%)	1 1 1 1 1 1 1 1 1 1 1	102 117 109 114 103 83 108 106 106 107 106 120	102 105 96 102 98 83 95 106 106 96 95 112	92 100 91 97 93 78 85 101 101 91 90 107	102 117 109 114 103 83 108 106 106 107 106 120	102 105 96 102 98 83 95 106 106 96 95 112	92 100 91 97 93 78 85 101 101 91 90 107
Superstructure S13b	Mar 2022 - Aug 2023	Generator (CNP101) (100%) Saw, circular, wood (CNP201) (30%) Air compressor (CNP002) (100%) Concrete Lorry Mixer (CNP044) (50%) Tower Crane (CNP049) (60%) Bar Bender, Cutter (CNP021) (20%) Vibratory Poker (CNP170) (30%) Concrete pump (CNP047) (50%)	1 1 1 2 1 1 1 1 1	108 103 102 106 93 83 108 106 114	95 98 102 106 93 83 97 106 110	85 93 92 101 88 78 92 101 105	108 103 102 109 93 83 108 106 114	95 98 102 109 93 83 97 106 112	85 93 92 104 88 78 92 101 106
MEP installation S13b	Apr 2023 - Dec 2023	Truck (CNP067) (50%)	1	114 114	102 102	97 97	114 114	102 102	97 97

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S13c

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Piling S13c	Jan 2021 - Dec 2021	Mobile Crane (CNP048) (50%) Piling, Large Bored Pile (CNP166) (50%) Excavator (CNP081) (30%) Dump Truck (CNP067) (50%) Air compressor (CNP002) (100%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%)	1 1 1 2 1 1 1	109 97 107 114 102 108 106	98 97 94 102 102 95 106
Pile Cap - Excavation S13c	Jan 2022 - Jun 2022	Air compressor (CNP002) (100%) Breaker, excavator mounted (pneumatic) (CNP027) (30%) Excavator (CNP081) (50%) Dump Truck (CNP067) (50%) Saw, circular, wood (CNP201) (30%) Bar Bender, Cutter (CNP021) (20%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%) Concrete pump (CNP047) (50%) Mobile Crane (CNP048) (30%) Vibratory Poker (CNP170) (20%)	1 1 1 1 1 1 1 2 1 1 1	102 117 109 114 103 83 108 106 106 107 106	102 105 96 102 98 83 95 106 106 96 95	92 100 91 97 93 78 85 101 101 91 90	102 117 109 114 103 83 108 109 106 107 106	102 105 96 102 98 83 95 109 106 96 95	92 100 91 97 93 78 85 104 101 91 90
Superstructure S13c	Mar 2022 - Aug 2023	Generator (CNP101) (100%) Saw, circular, wood (CNP201) (30%) Air compressor (CNP002) (100%) Concrete Lorry Mixer (CNP044) (50%) Tower Crane (CNP049) (60%) Bar Bender, Cutter (CNP021) (20%) Vibratory Poker (CNP170) (30%) Concrete pump (CNP047) (50%)	2 2 2 3 2 1 1 1	108 103 102 106 93 83 108 106	95 98 102 106 93 83 97 106	85 93 92 101 88 78 92 101	111 106 105 111 96 83 108 106	98 101 105 111 96 83 97 106	88 96 95 106 91 78 92 101
MEP installation S13c	Apr 2023 - Dec 2023	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	102	97	114	102	97

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S13d

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Piling S13d	Jan 2021 - Dec 2021	Mobile Crane (CNP048) (50%) Piling, Large Bored Pile (CNP166) (50%) Excavator (CNP081) (30%) Dump Truck (CNP067) (50%) Air compressor (CNP002) (100%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%)	1 1 1 2 1 1 1	109 97 107 114 102 108 106	98 97 94 102 102 95 106
Pile Cap - Excavation S13d	Jan 2022 - Jun 2022	Air compressor (CNP002) (100%) Breaker, excavator mounted (pneumatic) (CNP027) (30%) Excavator (CNP081) (50%) Dump Truck (CNP067) (50%) Saw, circular, wood (CNP201) (30%) Bar Bender, Cutter (CNP021) (20%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%) Concrete pump (CNP047) (50%) Mobile Crane (CNP048) (30%) Vibratory Poker (CNP170) (20%)	1 1 1 1 1 1 1 2 1 1 1 1	102 117 109 114 103 83 108 106 106 107 106	102 105 96 102 98 83 95 106 106 96 95	100 100 91 97 93 78 85 101 101 91 90	102 117 109 114 103 83 108 109 106 107 106	102 105 96 102 98 83 95 109 106 96 95	92 100 91 97 93 78 85 104 101 91 90
Superstructure S13d	Mar 2022 - Aug 2023	Generator (CNP101) (100%) Saw, circular, wood (CNP201) (30%) Air compressor (CNP002) (100%) Concrete Lorry Mixer (CNP044) (50%) Tower Crane (CNP049) (60%) Bar Bender, Cutter (CNP021) (20%) Vibratory Poker (CNP170) (30%) Concrete pump (CNP047) (50%)	2 2 2 3 2 1 1 1	108 103 102 106 93 83 108 106	95 98 102 106 93 83 97 106	85 93 92 101 88 78 92 101	111 106 105 111 96 83 108 106	98 101 105 111 96 83 97 106	88 96 95 106 91 78 92 101
MEP installation S13d	Apr 2023 - Dec 2023	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	102	97	114	102	97

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S13e

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Piling S13e	Jan 2021 - Dec 2021	Mobile Crane (CNP048) (50%) Piling, Large Bored Pile (CNP166) (50%) Excavator (CNP081) (30%) Dump Truck (CNP067) (50%) Air compressor (CNP002) (100%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%)	1 2 1 2 1 1 1	109 97 107 114 102 108 106	98 97 94 102 102 95 106
Pile Cap - Excavation S13e	Jan 2022 - Jun 2022	Air compressor (CNP002) (100%) Breaker, excavator mounted (pneumatic) (CNP027) (30%) Excavator (CNP081) (50%) Dump Truck (CNP067) (50%) Saw, circular, wood (CNP201) (30%) Bar Bender, Cutter (CNP021) (20%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%) Concrete pump (CNP047) (50%) Mobile Crane (CNP048) (30%) Vibratory Poker (CNP170) (20%)	1 2 2 2 1 1 1 2 1 1 1	102 117 109 114 103 83 108 106 106 107 106	102 105 96 102 98 83 95 106 106 96 95	92 100 91 97 93 78 85 101 101 91 90	102 120 112 117 103 83 108 109 106 107 106	102 108 99 105 98 83 95 109 106 96 95	92 103 94 100 93 78 85 104 101 91 90
Superstructure S13e	Mar 2022 - Aug 2023	Generator (CNP101) (100%) Saw, circular, wood (CNP201) (30%) Air compressor (CNP002) (100%) Concrete Lorry Mixer (CNP044) (50%) Tower Crane (CNP049) (60%) Bar Bender, Cutter (CNP021) (20%) Vibratory Poker (CNP170) (30%) Concrete pump (CNP047) (50%)	2 2 2 4 2 2 2 1	108 103 102 106 93 83 108 106	95 98 102 106 93 83 97 106	85 93 92 101 88 78 92 101	111 106 105 112 96 86 111 106	98 101 105 112 96 86 100 106	88 96 95 107 91 81 95 101
MEP installation S13e	Apr 2023 - Dec 2023	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	102	97	114	102	97

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S13f

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Piling S13f	Jan 2021 - Dec 2021	Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Piling, Large Bored Pile (CNP166) (50%)	1	97	97	87	97	97	87
		Excavator (CNP081) (30%)	1	107	94	89	107	94	89
		Dump Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
				117	109	104	117	109	104
Pile Cap - Excavation S13f	Jan 2022 - Jun 2022	Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	1	117	105	100	117	105	100
		Excavator (CNP081) (50%)	1	109	96	91	109	96	91
		Dump Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Saw, circular, wood (CNP201) (30%)	1	103	98	93	103	98	93
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
		Mobile Crane (CNP048) (30%)	1	107	96	91	107	96	91
		Vibratory Poker (CNP170) (20%)	1	106	95	90	106	95	90
				120	112	107	120	112	107
Superstructure S13f	Mar 2022 - Aug 2023	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Saw, circular, wood (CNP201) (30%)	1	103	98	93	103	98	93
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Tower Crane (CNP049) (60%)	1	93	93	88	93	93	88
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Vibratory Poker (CNP170) (30%)	1	108	97	92	108	97	92
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
				114	110	105	114	112	106
MEP installation S13f	Apr 2023 - Dec 2023	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	102	97	114	102	97

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S13g

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Piling S13g	Jan 2021 - Dec 2021	Mobile Crane (CNP048) (50%) Piling, Large Bored Pile (CNP166) (50%) Excavator (CNP081) (30%) Dump Truck (CNP067) (50%) Air compressor (CNP002) (100%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%)	1 1 1 2 1 1 1	109 97 107 114 102 108 106	98 97 94 102 102 95 106
Pile Cap - Excavation S13g	Jan 2022 - Jun 2022	Air compressor (CNP002) (100%) Breaker, excavator mounted (pneumatic) (CNP027) (30%) Excavator (CNP081) (50%) Dump Truck (CNP067) (50%) Saw, circular, wood (CNP201) (30%) Bar Bender, Cutter (CNP021) (20%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%) Concrete pump (CNP047) (50%) Mobile Crane (CNP048) (30%) Vibratory Poker (CNP170) (20%)	1 1 1 1 1 1 1 2 1 1 1 1	102 117 109 114 103 83 108 106 106 107 106	102 105 96 102 98 83 95 106 106 96 95	100 100 91 97 93 78 85 101 101 91 90	102 117 109 114 103 83 108 109 106 107 106	102 105 96 102 98 83 95 109 106 96 95	92 100 91 97 93 78 85 104 101 91 90
Superstructure S13g	Mar 2022 - Aug 2023	Generator (CNP101) (100%) Saw, circular, wood (CNP201) (30%) Air compressor (CNP002) (100%) Concrete Lorry Mixer (CNP044) (50%) Tower Crane (CNP049) (60%) Bar Bender, Cutter (CNP021) (20%) Vibratory Poker (CNP170) (30%) Concrete pump (CNP047) (50%)	2 2 2 3 2 1 1 1	108 103 102 106 93 83 108 106	95 98 102 106 93 83 97 106	85 93 92 101 88 78 92 101	111 106 105 111 96 83 108 106	98 101 105 111 96 83 97 106	88 96 95 106 91 78 92 101
MEP installation S13g	Apr 2023 - Dec 2023	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	102	97	114	102	97

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S13h

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Piling S13h	Jan 2021 - Dec 2021	Mobile Crane (CNP048) (50%) Piling, Large Bored Pile (CNP166) (50%) Excavator (CNP081) (30%) Dump Truck (CNP067) (50%) Air compressor (CNP002) (100%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%)	1 1 1 2 1 1 1	109 97 107 114 102 108 106	98 97 94 102 102 95 106
Pile Cap - Excavation S13h	Jan 2022 - Jun 2022	Air compressor (CNP002) (100%) Breaker, excavator mounted (pneumatic) (CNP027) (30%) Excavator (CNP081) (50%) Dump Truck (CNP067) (50%) Saw, circular, wood (CNP201) (30%) Bar Bender, Cutter (CNP021) (20%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%) Concrete pump (CNP047) (50%) Vibratory Poker (CNP170) (20%)	1 1 1 1 1 1 1 1 1 1	102 117 109 114 103 83 108 106 106 106	102 105 96 102 98 83 95 106 106 95	92 100 91 97 93 78 85 101 101 90	102 117 109 114 103 83 108 106 106 106	102 105 96 102 98 83 95 106 106 95	92 100 91 97 93 78 85 101 101 90
Superstructure S13h	Mar 2022 - Aug 2023	Generator (CNP101) (100%) Saw, circular, wood (CNP201) (30%) Air compressor (CNP002) (100%) Concrete Lorry Mixer (CNP044) (50%) Bar Bender, Cutter (CNP021) (20%) Vibratory Poker (CNP170) (30%) Concrete pump (CNP047) (50%)	1 1 1 1 1 1 1	108 103 102 106 83 108 106	95 98 102 106 83 97 106	85 93 92 101 78 92 101	108 103 102 106 83 108 106	95 98 102 106 83 97 106	85 93 92 101 78 92 101
MEP installation S13h	Apr 2023 - Dec 2023	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	102	97	114	102	97

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site Formation and Engineering Infrastructure at Main Site - Phase 2 area
Works Site : S13i

Site Formation and Engineering Infrastructure at Main Site - Phase 2 area									
Works Area WC04 - Site Formation and Engineering Infrastructure at Main Site - Phase 2 area				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Piling S13i	Jan 2021 - Jun 2021	Mobile Crane (CNP048) (50%) Piling, Large Bored Pile (CNP166) (50%) Excavator (CNP081) (30%) Dump Truck (CNP067) (50%) Air compressor (CNP002) (100%) Generator (CNP101) (100%) Concrete Lorry Mixer (CNP044) (50%)	1 1 1 1 1 1 1	109 97 107 114 102 108 106 117	98 97 94 102 102 95 106 109
Pile Cap - Excavation S13i	July 2021 - Oct 2021	Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Breaker, excavator mounted (pneumatic) (CNP027) (30%)	1	117	105	100	117	105	100
		Excavator (CNP081) (50%)	1	109	96	91	109	96	91
		Dump Truck (CNP067) (50%)	1	114	102	97	114	102	97
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
				119	108	102	119	108	102
		Saw, circular, wood (CNP201) (30%)	1	103	98	93	103	98	93
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
				109	100	94	109	100	94
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (20%)	1	106	95	90	106	95	90
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
				113	109	104	113	109	104
			Max	119	109	104	119	109	104
Superstructure S13i	Nov 2021 - Jul 2022	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Saw, circular, wood (CNP201) (30%)	1	103	98	93	103	98	93
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Vibratory Poker (CNP170) (30%)	1	108	97	92	108	97	92
		Concrete pump (CNP047) (50%)	1	106	106	101	106	106	101
				114	110	105	114	110	105
MEP installation S13i	Jun 2022 - Sep 2022	Truck (CNP067) (50%)	1	114	102	97	114	102	97
				114	102	97	114	102	97

Note: The activities of Pile Cap - Excavation should not be operated at the same time, the maximum SWL of those activities will be adopted for assessment purpose.

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Drainage Retention Tank
Works Site : S21a

Drainage Retention Tank									
Works Area WC05 - Drainage Retention Tank				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Earthwork S21a	Jul 2016- Apr 2017	Backhoe (CNP081) (70%) Generator (CNP103) (100%) Dump Truck (CNP067) (50%) Roller, vibratory (CNP186) (20%) Water pump (CNP281) (Electric) (100%)	2 1 2 1 1	110 95 114 101 88	97 95 102 101 88
Superstructure S21a	May 2017 - Oct 2018	Generator (CNP101) (100%) Bar Bender, Cutter (CNP021) (30%) Dump Truck (CNP067) (50%) Saw, circular, wood (CNP201) (20%) Mobile Crane (CNP048) (30%) Concrete Lorry Mixer (CNP044) (50%) Vibratory Poker (CNP170) (20%) Water pump (CNP281) (Electric) (100%) Concrete Pump (CNP047) (30%)	1 1 1 1 1 2 1 1 1	108 85 114 101 107 106 106 88 104	95 85 102 96 96 106 95 88 104	85 80 97 91 91 101 90 78 99	108 85 114 101 107 109 106 88 104	95 85 102 96 96 109 95 88 104	85 80 97 91 91 104 90 78 99
Backfilling S21a	Nov 2018 - Jun 2019	Backhoe (CNP081) (50%) Dump Truck (CNP067) (50%) Roller, vibratory (CNP186) (20%)	2 1 1	109 114 101	96 102 101	91 97 96	112 114 101	99 102 101	94 97 96
				115	105	100	116	106	101

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site formation for Cavern
Works Site : S22a

Site formation for Cavern				SWL of Single PME					
Works Area WC08 - Site formation for Cavern				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Excavation S22a	Jan 2018 - Oct 2019	Rock drill, crawler mounted (hydraulic) (CNP182) (70%)	3	121	106
		Excavator (CNP081) (70%)	3	110	97	92	115	102	97
		Dump Truck (CNP067) (70%)	6	115	103	98	123	111	106
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
		Ventilation Fan (CNP241) (100%)	2	108	108	93	111	111	96
		Breaker (CNP025) (30%)	1	106	101	96	106	101	96
				123	112	105	128	116	110
Concreting S22a	Jul 2018 - Dec 2020	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Concrete Pump (CNP047) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (30%)	2	108	97	92	111	100	95
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
				113	110	105	115	111	106

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site formation for Cavern
Works Site : S22b

Site formation for Cavern									
Works Area WC08 - Site formation for Cavern				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Excavation S22b	Jan 2018 - Oct 2019	Rock drill, crawler mounted (hydraulic) (CNP182) (70%)	1	121	106
		Excavator (CNP081) (70%)	1	110	97	92	110	97	92
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
		Ventilation Fan (CNP241) (100%)	2	108	108	93	111	111	96
		Breaker (CNP025) (30%)	1	106	101	96	106	101	96
				123	112	105	124	114	106
Concreting S22b	Jul 2018 - Dec 2020	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Concrete Pump (CNP047) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (30%)	2	108	97	92	111	100	95
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
				113	110	105	115	111	106

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site formation for Cavern
Works Site : S22c

Site formation for Cavern									
Works Area WC08 - Site formation for Cavern				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Excavation S22c	Jan 2018 - Oct 2019	Rock drill, crawler mounted (hydraulic) (CNP182) (70%)	3	121	106
		Excavator (CNP081) (70%)	3	110	97	92	115	102	97
		Dump Truck (CNP067) (70%)	6	115	103	98	123	111	106
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
		Ventilation Fan (CNP241) (100%)	2	108	108	93	111	111	96
		Breaker (CNP025) (30%)	1	106	101	96	106	101	96
				123	112	105	128	116	110
Concreting S22c	Jul 2018 - Dec 2020	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Concrete Pump (CNP047) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (30%)	2	108	97	92	111	100	95
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
				113	110	105	115	111	106

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site formation for Cavern
Works Site : S22d

Site formation for Cavern									
Works Area WC08 - Site formation for Cavern				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Excavation S22d	Jan 2018 - Oct 2019	Rock drill, crawler mounted (hydraulic) (CNP182) (70%)	1	121	106
		Excavator (CNP081) (70%)	1	110	97	92	110	97	92
		Dump Truck (CNP067) (70%)	2	115	103	98	118	106	101
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
		Ventilation Fan (CNP241) (100%)	2	108	108	93	111	111	96
		Breaker (CNP025) (30%)	1	106	101	96	106	101	96
				123	112	105	124	114	106
Concreting S22d	Jul 2018 - Dec 2020	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Concrete Pump (CNP047) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (30%)	2	108	97	92	111	100	95
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
				113	110	105	115	111	106

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site formation for Cavern
Works Site : S23a

Site formation for Cavern									
Works Area WC08 - Site formation for Cavern				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Roadwork S23a	Jan 2018 - Dec 2020	Rock drill, crawler mounted (hydraulic) (CNP182) (10%)	1	113	98	93	113	98	93
		Backhoe (CNP081) (10%)	1	102	89	84	102	89	84
		Dump Truck (CNP067) (10%)	1	107	95	90	107	95	90
				114	100	95	114	100	95

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Site formation for Cavern

Works Site : S23b

Site formation for Cavern									
Works Area WC08 - Site formation for Cavern				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Roadwork S23b	Jan 2018 - Dec 2020	Rock drill, crawler mounted (hydraulic) (CNP182) (10%)	1	113	98
		Backhoe (CNP081) (10%)	1	102	89	84	102	89	84
		Dump Truck (CNP067) (10%)	1	107	95	90	107	95	90
				114	100	95	114	100	95

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Site formation for Cavern
Works Site : S23c

Site formation for Cavern									
Works Area WC08 - Site formation for Cavern				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Roadwork S23c	Jan 2018 - Dec 2020	Rock drill, crawler mounted (hydraulic) (CNP182) (10%)	1	113	98	93	113	98	93
		Backhoe (CNP081) (10%)	1	102	89	84	102	89	84
		Dump Truck (CNP067) (10%)	1	107	95	90	107	95	90
				114	100	95	114	100	95

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Viewing Platform
Works Site : S26a

Viewing Platform									
Works Area WC09 - Viewing Platform				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance S26a	Jan 2018 - Apr 2018	Backhoe (CNP081) (50%)	1	109	96	91	109	96	91
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Breaker, handheld (CNP024) (20%)	1	101	99	94	101	99	94
		Dump Truck (CNP067) (50%)	1	114	102	97	114	102	97
					115	105	100	115	105
Piling S26a	May 2018 - Dec 2018	Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Piling machine (CNP166) (100%)	1	100	100	90	100	100	90
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (50%)	1	110	99	94	110	99	94
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
			115	109	103	115	109	103	
Pile Cap-Excavation S26a	Jan 2019 - Oct 2019	Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Breaker, handheld (CNP023) (100%)	1	108	106	101	108	106	101
		Bar Bender, Cutter (CNP021) (10%)	1	80	80	75	80	80	75
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Vibratory Poker (CNP170) (50%)	1	110	99	94	110	99	94
			116	111	105	116	111	105	
Superstructure S26a	Nov 2019 - Dec 2020	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (40%)	1	109	98	93	109	98	93
			114	108	103	114	108	103	

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Viewing Platform
Works Site : S26b

Viewing Platform									
Works Area WC09 - Viewing Platform				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance S26b	Jan 2018 - Apr 2018	Backhoe (CNP081) (50%)	1	109	96	91	109	96	91
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Breaker, handheld (CNP024) (20%)	1	101	99	94	101	99	94
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
				115	105	100	118	107	101
Piling S26b	May 2018 - Dec 2018	Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Piling machine (CNP166) (100%)	1	100	100	90	100	100	90
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (50%)	1	110	99	94	110	99	94
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
		115	109	103	115	109	103		
Pile Cap-Excavation S26b	Jan 2019 - Oct 2019	Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Breaker, handheld (CNP023) (100%)	1	108	106	101	108	106	101
		Bar Bender, Cutter (CNP021) (10%)	1	80	80	75	80	80	75
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Vibratory Poker (CNP170) (50%)	1	110	99	94	110	99	94
		116	111	105	116	112	107		
Superstructure S26b	Nov 2019 - Dec 2020	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Vibratory Poker (CNP170) (40%)	1	109	98	93	109	98	93
		114	108	103	115	110	105		

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation
Title : Plant Inventory
Subtitle : Viewing Platform
Works Site : S26c

Viewing Platform									
Works Area WC09 - Viewing Platform				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
Site Clearance S26c	Jan 2018 - Apr 2018	Backhoe (CNP081) (50%)	1	109	96	91	109	96	91
		Generator (CNP103) (100%)	1	95	95	85	95	95	85
		Breaker, handheld (CNP024) (20%)	1	101	99	94	101	99	94
		Dump Truck (CNP067) (50%)	2	114	102	97	117	105	100
					115	105	100	118	107
Piling S26c	May 2018 - Dec 2018	Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Piling machine (CNP166) (100%)	1	100	100	90	100	100	90
		Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	1	106	106	101	106	106	101
		Vibratory Poker (CNP170) (50%)	1	110	99	94	110	99	94
		Water pump (CNP281) (Electric) (100%)	1	88	88	78	88	88	78
			115	109	103	115	109	103	
Pile Cap-Excavation S26c	Jan 2019 - Oct 2019	Air compressor (CNP002) (100%)	1	102	102	92	102	102	92
		Breaker, handheld (CNP023) (100%)	1	108	106	101	108	106	101
		Bar Bender, Cutter (CNP021) (10%)	1	80	80	75	80	80	75
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Vibratory Poker (CNP170) (50%)	1	110	99	94	110	99	94
			116	111	105	116	112	107	
Superstructure S26c	Nov 2019 - Dec 2020	Generator (CNP101) (100%)	1	108	95	85	108	95	85
		Bar Bender, Cutter (CNP021) (20%)	1	83	83	78	83	83	78
		Mobile Crane (CNP048) (50%)	1	109	98	93	109	98	93
		Saw, circular, wood (CNP201) (20%)	1	101	96	91	101	96	91
		Concrete Lorry Mixer (CNP044) (50%)	2	106	106	101	109	109	104
		Vibratory Poker (CNP170) (40%)	1	109	98	93	109	98	93
			114	108	103	115	110	105	

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Service Reservoirs, Pumping Station

Works Site : S31a

Service Reservoirs, Pumping Station									
Works Area WC10 - Service Reservoirs, Pumping Station				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Foundation - Concreting S31a	Jul 2018 - Aug 2019	Generator (CNP101) (100%) Bar Bender, Cutter (CNP021) (10%) Concrete Lorry Mixer (CNP044) (50%) Concrete Pump (CNP047) (30%) Vibratory Poker (CNP170) (30%)	1 1 2 1 1	108 80 106 104 108	95 80 106 104 97
				113	109	103	114	110	105
Superstructure (Cast in-situ) S31a	Nov 2018 - Dec 2020	Generator (CNP101) (50%) Bar Bender, Cutter (CNP021) (10%) Mobile Crane (CNP048) (40%) Concrete Lorry Mixer (CNP044) (50%) Vibratory Poker (CNP170) (40%) Concrete Pump (CNP047) (30%)	1 1 1 2 1 1	105 80 108 106 109 104	92 80 97 106 98 104	82 75 92 101 93 99	105 80 108 109 109 104	92 80 97 109 98 104	82 75 92 104 93 99
				114	109	104	114	111	106

Project : Agreement No. CE18/2012(CE) - Development at Anderson Road Quarry - Investigation

Title : Plant Inventory

Subtitle : Service Reservoirs, Pumping Station

Works Site : S31b

Service Reservoirs, Pumping Station									
Works Area WC10 - Service Reservoirs, Pumping Station				SWL of Single PME			Total SWL		
Activity	Months	PME	Units	Unmitigated	Quiet Plant	Mitigated	Unmitigated	Quiet Plant	Mitigated
				Foundation - Concreting S31b	Jul 2018 - Aug 2019	Generator (CNP101) (100%) Bar Bender, Cutter (CNP021) (10%) Concrete Lorry Mixer (CNP044) (50%) Concrete Pump (CNP047) (30%) Vibratory Poker (CNP170) (30%)	1 1 1 1 1	108 80 106 104 108	95 80 106 104 97
				113	109	103	113	109	103
Superstructure (Cast in-situ) S31b	Nov 2018 - Dec 2020	Generator (CNP101) (50%) Bar Bender, Cutter (CNP021) (10%) Mobile Crane (CNP048) (40%) Concrete Lorry Mixer (CNP044) (50%) Vibratory Poker (CNP170) (40%) Concrete Pump (CNP047) (30%)	1 1 1 1 1 1	105 80 108 106 109 104	92 80 97 106 98 104	82 75 92 101 93 99	105 80 108 106 109 104	92 80 97 106 98 104	82 75 92 101 93 99
				114	109	104	114	109	104