

ID	Main Construction Tasks	Work Section (see Appendix 4.2)	Group ID	Construction Works	Sub-Group ^[1]	Sub-Plant ID ^[2]	Plant / Equipment	Ref Code	SWL, dB(A) (PME)	No. of Units	Utilization Rate (%)	Adjusted SWL, dB(A) (PME)	SWL, dB(A) (Sub-Plant) ^[2]	SWL, dB(A) (Sub-Group) ^[1]	SWL, dB(A) (PME Group)											
A	Channel Bed Modification	1 to 6	A-1	Excavation at the Nullah	a	Excavation	A-1a-1	Air Compressor, air flow < 10m3/min	CNP 001 ^[3]	100	1	50	97	116	116	116										
							Breaker, mini-robot mounted	OCUPME-003 ^[3]	115	2	50	115														
			Excavator/loader, wheeled/tracked	CNP 081 ^[3]	112	1	70	110																		
			Roller, vibratory	CNP 186 ^[3]	108	1	100	108																		
		A-2	Re-surfacing and greening of the nullah	a	Re-surfacing and greening of the nullah - Backfill	A-2a-1	Roller, vibratory	CNP 186 ^[3]	108	1	100	108	108	108	112	112	112									
						b	Re-surfacing and greening of the nullah - Vegetating	A-2b-1	Crane, mobile/barge mounted (diesel)	CNP 048 ^[3]	112	1	100	112				112								
		6	A-3	Construction of Energy Dissipation Structures at Upstream Section	a	Concreting	A-3a-1	Concrete lorry mixer	CNP 044 ^[3]	109	1	50	106	106	107	107	107	108								
							Poker vibratory, hand-held (electric)	OCUPME-019 ^[4]	102	1	70	100														
							Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95														
							Saw, circular, wood	CNP 201 ^[3]	108	1	70	106														
b	Backfill						A-3b-1	Roller, vibratory	CNP 186 ^[3]	108	1	100	108	108	108											
B	Improvement of Existing Walkways and Riparian Public Open Spaces	1 to 5	B-1	Construction of Viewing Deck / Pavillion, Renovation of Existing Footbridges	a	Construction of Viewing Deck / Pavillion, Renovation of Existing Footbridges	B-1a-1	Air Compressor, air flow < 10m3/min	CNP 001 ^[3]	100	1	50	97	111	111	111										
							Breaker, hand-held, mass < 10kg	CNP 023 ^[3]	108	1	50	105														
							Poker vibratory, hand-held (electric)	OCUPME-019 ^[4]	102	1	70	100														
							Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95														
							Roller, vibratory	CNP 186 ^[3]	108	1	100	108														
							Power rammer (petrol)	CNP 169 ^[3]	108	1	70	106														
							Excavator/loader, wheeled/tracked	CNP 081 ^[3]	112	1	70	110														
							Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95														
		1 to 5	B-2	Construction of Staircases and Access Ramps	a	Excavation and Lateral Support	B-2a-1	Excavator/loader, wheeled/tracked	CNP 081 ^[3]	112	1	70	110	110	110	112	112	112								
							Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95														
							Excavator/loader, wheeled/tracked	CNP 081 ^[3]	112	1	70	110														
							Ventilation fan	CNP 241 ^[3]	108	1	100	108														
							Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95														
							b	Concreting	B-2b-1	Concrete lorry mixer	CNP 044 ^[3]	109	1	50	106				106	107	107					
							Poker vibratory, hand-held (electric)	OCUPME-019 ^[4]	102	1	70	100														
							Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95														
		2 to 4	B-3	Construction of riparian walkway, water play features and UV Disinfection System, and visitor facilities (toilet and management office)	a	Excavation and Lateral Support	B-3a-1	Power rammer (petrol)	CNP 169 ^[3]	108	1	70	106	106	112	112	112	112								
							Excavator/loader, wheeled/tracked	CNP 081 ^[3]	112	1	70	110														
							Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95														
							Excavator/loader, wheeled/tracked	CNP 081 ^[3]	112	1	70	110														
							Ventilation fan	CNP 241 ^[3]	108	1	100	108														
							Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95														
							b	Concreting	B-3b-1	Concrete lorry mixer	CNP 044 ^[3]	109	1	50	106				106	107	107					
							Poker vibratory, hand-held (electric)	OCUPME-019 ^[4]	102	1	70	100														
		Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95																			
		3, 5	B-4	Demolition of existing footbridge	a	Demolition	B-4a-1	Breaker, excavator mounted (pneumatic)	CNP 027 ^[3]	122	1	71	121	121	121	121	121	121								
							Excavator / Loader	CNP 081 ^[3]	112	1	70	110														
C	Construction of Dry Weather Flow Interceptor (DWF) System / Water pumps and Pipes for Ecological Enhancement Associated Water Retention and Supplement	1	C-1	Connection Works of DWF System to Existing Sewerage System	a	Excavation and Lateral Support	C-1a-1	Power rammer (petrol)	CNP 169 ^[3]	108	1	70	106	112	112	112										
							Excavator/loader, wheeled/tracked	CNP 081 ^[3]	112	1	70	110														
							Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95														
							Excavator/loader, wheeled/tracked	CNP 081 ^[3]	112	1	70	110														
							Ventilation fan	CNP 241 ^[3]	108	1	100	108														
							Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95														
							Pipe Laying and Connection	C-1b-1	Crane, mobile/barge mounted (diesel)	CNP 048 ^[3]	112	1	100				112	112	112							
							1 to 6	C-2	Construction of DWF Channel along the Nullah, and Mid-stream water pumps and Pipes along the Nullah for Ecological Enhancement Associated Water Supplement	c	Concreting	C-2c-1	Concrete lorry mixer				CNP 044 ^[3]	109	1	50	106	106	107	107	107	108
		Poker vibratory, hand-held (electric)	OCUPME-019 ^[4]	102	1	70						100														
		Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100						95														
		Saw, circular, wood	CNP 201 ^[3]	108	1	70						106														
		d	Backfill	C-2d-1	Roller, vibratory	CNP 186 ^[3]						108	1	100	108	108	108									
		3	C-3	Construction of Pumping Facilities & Associated E&M works	a	Excavation and Lateral Support						C-3a-1	Power rammer (petrol)	CNP 169 ^[3]	108	1	70	106	106	112	112	112	112			
												Excavator/loader, wheeled/tracked	CNP 081 ^[3]	112	1	70	110									
												Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95									
							Excavator/loader, wheeled/tracked	CNP 081 ^[3]	112	1	70	110														
Ventilation fan	CNP 241 ^[3]						108	1	100	108																
Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]						95	1	100	95																
b	Concreting						C-3b-1	Concrete lorry mixer	CNP 044 ^[3]	109	1	50	106	106	107	107										
Poker vibratory, hand-held (electric)	OCUPME-019 ^[4]						102	1	70	100																
Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95																					
C-3b-2	Saw, circular, wood	CNP 201 ^[3]	108	1	70	106	106	106																		
D	Landscaping and Miscellaneous	1 to 6	D-1	Landscaping / greening of the bankside along the nullah	a	Planter Construction / Modification	D-1a-1	Concrete mixer (electric)	CNP 045 ^[3]	96	1	50	93	102	108	112										
							Poker vibratory, hand-held (electric)	OCUPME-019 ^[4]	102	1	70	100														
							Generator, super silenced, 70dB(A) at 7m	CNP 103 ^[3]	95	1	100	95														
			D-2	Utility Works	c	Utility Laying/Connection	D-1a-2	Roller, vibratory	CNP 186 ^[3]	108	1	100	108	108	112	114	114	114								
							D-1b-1	Crane, mobile/barge mounted (diesel)	CNP 048 ^[3]	112	1	100	112	112												
							D-2c-1	Excavator/loader, wheeled/tracked	CNP 081 ^[3]	112	1	70	110	114	114											
E	Desilting at downstream tidal zone	1	E-1	Desilting at downstream tidal zone	a	Desilting	E-1a-1	Excavator/loader, wheeled/tracked	CNP 081 ^[3]	112	1	70	110	111	111	111										
							Dump truck, 5.5 tonne< gross vehicle weight =< 38	OCUPME-038 ^[4]	105	1	30	100														

Remarks:

[1] Only one Sub-Group in a PME Group will be operating at the same time.

[2] Only one Sub-Plant in a Sub-Group will be operating at the same time.

[3] The SWL is referenced with Table 3 of EPD's Technical Memorandum on Noise from Construction Work Other Than Percussive Piling.

[4] The SWL is referenced to "Sound power levels of other commonly used PME" at EPD website, https://www.epd.gov.hk/epd/sites/default/files/epd/english/application_for_licences/guidance/files/OtherSWLe.pdf