

Un-mitigated Case

PME	ID code	SWL, dB(A)	Quantity	% on-time
Road Works				
Road Up-grading (including minor excavation and minor slopeworks)				
Excavator, wheeled/tracked	CNP081	112	1	100
Generator	CNP103	95	1	100
Hand-held breaker	CNP024	108	1	100
Dump Truck	CNP067	117	1	50
Paving				
Asphalt paver	CNP004	109	1	100
Roller, vibratory	CNP186	108	1	100
Geotechnical Work (Soil Nailing)				
Rotary Driller	CNP 064	103	1	70
Soldier Pile Wall Construction				
Rock Drill, crawler mounted	CNP 182	123	1	100
Excavator	CNP081	112	1	100
Concrete Pump	CNP047	109	1	100

Note: no concurrent use of PME for Road Works and Soldier Pile Wall Construction for the whole project area, except breaker and generator

Mitigated Case

PME	ID code	SWL, dB(A)	Quantity	% on-time
Road Works ⁽²⁾				
Road Up-grading (including minor excavation and minor slopeworks)				
Excavator	C.8 15	103	1	100
Excavator	QPME	93 ⁽¹⁾	1	100
Generator	CNP 103	95	1	100
Breaker	C.8 12	106	1	100
Lorry	C.8 25	96	1	50
Paving				
Asphalt paver	C.8 24	101	1	100
Roller, vibratory	C.3 115	102	1	100
Geotechnical Work (Soil Nailing) ⁽²⁾				
Rotary Driller	CNP 064	103	1	70
Soldier Pile Wall Construction				
Rock Drill, crawler mounted	CNP 182	123	1	100
Excavator	C.8 15	103	1	100
Concrete Pump	C.6 36	106	1	100

Note: no concurrent use of PME for Road Works and Soldier Pile Wall Construction for the whole project area, except breaker and generator

¹ Mini-size excavator with SWL = 93 dB(A) [referred to EPD's QPME, (http://www.epd.gov.hk/cgi-bin/npg/qpme/search_gen.pl)]

² No concurrent Geotechnical Work and Road Works near N53