

Appendix 3.3 Powered Mechanical Equipment for Various Construction Activities (Unmitigated)

1. Site Clearance

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Barrier dB	Total SWL dB(A)
Backhoes	CNP 081	1	112	85%	0	111
Generator	CNP 103	1	95	100%	0	95
Dump Trucks	CNP 067	1	117	50%	0	114
Total						116

2. Site Formation

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Barrier dB	Total SWL dB(A)
Backhoes	CNP 081	1	112	80%	0	111
Dump Trucks	CNP 067	1	117	50%	0	114
10T Roller	CNP186	1	108	85%	0	107
3T Roller	CNP186	1	108	85%	0	107
Total						117

3. Construct Retaining Walls

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Barrier dB	Total SWL dB(A)
Backhoes	CNP 081	2	112	90%	0	115
30T Cranes	CNP 048	2	112	90%	0	115
Total						118

4. Construct Bored Piles

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Barrier dB	Total SWL dB(A)
100T cranes with oscillators and chisel	CNP 165	1	115	100%	0	115
Dump Trucks	CNP 067	1	117	50%	0	114
Total						118

5. Construct Pilecaps, Abutments and Piers

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Barrier dB	Total SWL dB(A)
Backhoes	CNP 081	1	112	90%	0	112
30T Cranes	CNP 048	1	112	90%	0	112
Dump Trucks	CNP 067	1	117	50%	0	114
Total						117

6. Erect Concrete Segments by Launching Girder

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Barrier dB	Total SWL dB(A)
Launching Girder	EIA-2	1	102	90%	0	102
Segments Carriers	CNP141	2	112	65%	0	113
Total						113

7. Erect Concrete Segments by Mobile Crane

Powered Mechanical Equipment (PME)	TM Ref./ other Ref.	No. Items	SWL/Item dB(A)	On-time %	Barrier dB	Total SWL dB(A)
100T Mobile Cranes	CNP048	1	112	90%	0	112
Segment Carriers	CNP141	1	112	65%	0	110
Total						114