

Appendix 8B: Construction Noise



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Construction of Access Tracks								
Ref	Size	Plant	No.	Duration of Activity (%)	Laeq@ 10m	LAeq @ 10m(dB) (Incl Multiple Units Correction)	Activity, Laeq(10h) (dB)	
D3 118	111kg	Compactor rammer	4	70	80	86.0	87.6	
						Total	87.6	
			Adjustments					
	Distance (m)		Distance (dB)	Screening (dB)	Reflection (dB)	Activity, Laeq(10h) (dB)		
Receptor 22	10	26.0	0	0	3	47.6		
Receptor 27	186	57.7	0	0	3	21.9		
Piling Operations								
Ref	Size	Plant	No.	Duration of Activity (%)	Laeq@ 10m	LAeq @ 10m(dB) (Incl Multiple Units Correction)	Activity, Laeq(10h) (dB)	
D7 55	N/A	Diesel driven generator (power supply for hydraulic piling rig)	4	70	64	70.0	71.6	
						Total	71.6	

			Adjustments					
	Distance (m)		Distance (dB)	Screening (dB)	Reflection (dB)	Activity, Laeq(10h) (dB)		
Receptor 22	100	51.0	0	0	3	21.6		
Receptor 27	110	52.0	0	0	3	20.6		