

Table 11.2: Plant & Activity Assumptions

Activity Description	Plant	Reference	dB L _{WA}	No of Plant	% On-time	Corrected dB L _{WA}	Activity LWA
Tie-in works; Surfacing, moving barriers and temporary signs, diverting traffic.	JCB excavator/loader	C.3:78	108	1	30	103	113
	Dump truck idling	Defra Update: Table 4: Ref 4	91	1	20	84	
	Compressor - Average	C7:28	100	1	20	93	
	Paving Train (Tarmac Paver)	C8:20	107	1	30	102	
	Roller	Ave C.3:115,116	104	1	10	94	
	Vibrating plate compactor	-	107	1	5	94	
	2kVA generators	C.7:46,47	108	2	100	111	
	Traffic management vehicles	C.7 121	98	1	20	91	
	Tipper Wagon	C.3:112	113	1	15	105	
Bailey bridge construction: inc. access works, ramps etc.	Mobile crane 35t	Ave C.7:112	102	1	10	92	106
	JCB excavator/loader	C.3:78	108	1	10	98	
	Mini Digger	-	95	1	10	85	
	Dump truck idling	Defra Update: Table 4: Ref 4	91	1	10	81	
	Generator	C.7:48	91	2	100	94	
	Hand tools Average	Ave C7:57-63, 75-79, C6:52-54	106	1	20	99	
	Silenced tower lights	not listed	91	2	100	94	
	Aggregate lorries	C.7:122	112	1	10	102	
	Vans	C.7:121	98	1	10	88	
Railway bridge: lifting and placing concrete beams, fixing in position, erection of safety equipment & scaffolding	Mobile crane 45T	Ave. C.7:105-120	105	2	20	101	112
	Hand tools Average	Ave C7:57-63, 75-79, C6:52-54	106	2	20	102	
	Scaffolding erection	Ave C7:2,3	98	1	30	93	
	2kVA generators	C.7:46,47	108	2	100	111	
	Silenced tower lights	not listed	91	2	100	94	
	Vans	C.7:121	98	2	20	94	

Table 11.3: Night-time Construction Noise

Receptor ID	Address	No. Props rep'd	Night-time Construction Noise Level, dB L _{Aeq,T}					n/t ambient	<55=+5 or >55 = 55	Criteria applied	No. Props criteria exceeded	exceeds criteria by:
			Bell Hill Jnc.	Queensway Jnc.	Crow hurst Rd Jnc.	Ninfield Road Bridge	Railway Bridge					
2	64 Downlands	40	56					54	59	55	40	1
3	98 Reginald Road	80	47					59	55	55		
4	44 Amherst Road	190	49					55	55	55		
5	84 London Road	52	58					53	58	55	52	3
7	78 Amherst Road	17	57					40	45	45	17	12
8	36 Bell Hill	4	54					42	47	47	4	7
13	11 King Offa Way	6	72					47	52	52	6	20
14	112 London Road	10	70					59	55	55	10	15
15	26 Salisbury Road	17	56					47	52	52	17	4
16	10 Edinburgh Road	10	52					50	55	55		
17	27 Salisbury Road	55	55					50	55	55		
22	130 London Road	7	62					59	55	55	7	7
23	140 London Road	8	58					59	55	55	8	3
25	7 Dayencourt North	141	44					50	55	55		
26	162 London Road	16	52					59	55	55		
53	238 London Road	18				45		64	55	55		
54	40a Hollier's Hill	85				54		51	56	55		
55	14 St James' Road	86				44		51	56	55		
56	Pelham Hotel	13				63		40	45	45	13	18
57	15 Birchview	22				48		48	53	53		
58	27 Buxton Drive	21				46		48	53	53		
59	22 Buxton Drive	30				43		49	54	54		
60	29 Bodle Crescent	60				37		49	54	54		
62	3 Highfield Gardens	6				64		48	53	53	6	11
63	5a Ninfield Road	15				54		46	51	51	15	3
64	1 to 37 Auckland	37				59		40	45	45	37	14

Receptor ID	Address	No. Props rep'd	Night-time Construction Noise Level, dB L _{Aeq,T}					n/t ambient	<55=+5 or >55 = 55	Criteria applied	No. Props criteria exceeded	exceeds criteria by:
			Bell Hill Jnc.	Queensway Jnc.	Crow hurst Rd Jnc.	Ninfield Road Bridge	Railway Bridge					
65	9 Wrestwood Road	30				49		40	45	45	30	4
67	10 St James'	34				42		51	56	55		
68	30 St James'	46				42		40	45	45		
70	35 St James'	14				47		39	44	44	14	3
71	7 St James' Close	4				51		39	44	44	4	7
72	1 to 31 Strome	41				65		39	44	44	41	21
73	19 Meadow	89				46		42	47	47		
75	1 Glovers Lane	60				47		49	54	54		
90	The White House	1			51			41	46	46	1	5
91	Upper Wilting Farm	1			64		56	41	46	46	1	18
92	2 Upper Wilting	5		55	70		58	41	46	46	5	24
93	15 Watermill Drive	26		70			52	41	46	46	26	24
94	38 Watermill Drive	49		53				41	46	46	49	7
95	14 Hartfield Meadow	155		49				41	46	46	155	3
96	14 Flimwell Close	17		48				41	46	46	17	2
109	63 Holliers Hill - N Facade	1				54		47	52	52	1	2
110	63 Holliers Hill - E Facade	1				53		47	52	52	1	1
113	Mayfield Farm	1		59			48	47	52	52	1	7