

## APPENDIX 11.14: ASSESSMENT OF THE NOISE EFFECTS FROM OPERATIONAL RAIL AND ROAD MOVEMENTS WITHIN THE SITE INCLUDING MITIGATION

### With Mitigation

Receptor	Assessed Façade	Floor	Baseline Noise Monitoring Location	Baseline Noise Level, L <sub>Aeq,T</sub> (dB)		Noise Emissions from Operational Railway Sidings, L <sub>Aeq,T</sub> (dB)		Noise Emissions from Operational Site Roads, L <sub>Aeq,T</sub> (dB)		Noise Level 'With Development', L <sub>Aeq,T</sub> (dB)		Noise Change (dB)		Significant? (Y/N)	
				Daytime (07:00 - 23:00 hours)	Night-time (23:00 - 07:00 hours)	Daytime (07:00 - 23:00 hours)	Night-time (23:00 - 07:00 hours)	Daytime (07:00 - 23:00 hours)	Night-time (23:00 - 07:00 hours)	Daytime (07:00 - 23:00 hours)	Night-time (23:00 - 07:00 hours)	Daytime (07:00 - 23:00 hours)	Night-time (23:00 - 07:00 hours)	Daytime (07:00 - 23:00 hours)	Night-time (23:00 - 07:00 hours)
17 Fremlins Road	N	0	2	54	54	43	43	42	40	46	45	0.6		N	
17 Fremlins Road	N	1		54	54	44	44	43	41	47	46		0.6		N
44 Mallings Drive	NE	0	2	54	54	48	48	45	43	50	49	1.5		N	
44 Mallings Drive	NE	1		54	54	50	50	46	44	51	51		1.8		N
48a Mallings Drive	N	0	2	54	54	46	46	41	39	47	47	0.8		N	
48a Mallings Drive	N	1		54	54	48	48	42	40	49	49		1.2		N
65 Mallings Drive	NE	0	2	54	54	44	44	41	39	46	45	0.6		N	
65 Mallings Drive	NE	1		54	54	45	45	42	40	47	46		0.6		N
Barty House	NE	0	3	54	54	38	38	45	43	46	44	0.6		N	
Barty House	NE	1		54	54	40	40	46	44	47	45		0.5		N
Chestnuts	NE	0	6	58	57	24	24	57	55	57	55	2.5		N	
Chestnuts	NE	1		58	57	25	25	58	56	58	56		2.5		N
Crismill Cottage	NE	0	4	57	56	35	35	53	51	53	51	1.5		N	
Crismill Cottage	NE	1		57	56	36	36	54	52	54	52		1.5		N
Hunters Lodge	NE	0	5	60	59	33	33	59	57	59	57	2.5		N	
Hunters Lodge	NE	1		60	59	34	34	60	58	60	58		2.5		N
The Knoll Roundwell	NE	0	3	54	54	43	43	45	43	47	46	0.8		N	
The Knoll Roundwell	NE	1		54	54	44	44	46	44	48	47		0.8		N
The Phoenix	NE	0	4	57	56	31	31	53	51	53	51	1.5		N	
The Phoenix	NE	1		57	56	33	33	54	52	54	52		1.5		N
West View Thurnham Lane	E	0	1	56	56	35	35	41	39	42	40	0.2		N	
West View Thurnham Lane	E	1		56	56	36	36	41	39	42	41		0.1		N
Woodcut House	N	0	4	57	56	30	30	52	50	52	50	1.2		N	
Woodcut House	N	1		57	56	31	31	53	51	53	51		1.2		N