

APPENDIX 13.2

FULL TABULATED NOISE MEASUREMENT RESULTS

Table A13.1: Noise Measurement Data for Measurement Location 1, Free-field, dB

Period Start	Duration	L _{Aeq,T}	L _{A90,T}	L _{A10,T}	L _{AFmax}
11/12/2007 17:00	01:00:00	46.3	37.7	47.9	50.3
11/12/2007 18:00	01:00:00	46.0	37.3	49.2	47.9
11/12/2007 19:00	01:00:00	42.6	34.2	46.1	44.4
11/12/2007 20:00	01:00:00	43.0	34.6	46.3	44.8
11/12/2007 21:00	01:00:00	43.5	33.3	46.6	44.9
11/12/2007 22:00	01:00:00	41.8	28.8	46.6	43.3
11/12/2007 23:00	01:00:00	42.7	28.0	47.3	44.7
12/12/2007 00:00	01:00:00	47.7	28.4	42.4	53.6
12/12/2007 01:00	01:00:00	36.1	26.8	38.7	37.7
12/12/2007 02:00	01:00:00	34.6	26.7	37.8	35.7
12/12/2007 03:00	01:00:00	31.8	26.7	33.1	32.9
12/12/2007 04:00	01:00:00	42.0	28.3	39.8	43.3
12/12/2007 05:00	01:00:00	35.3	27.2	37.8	36.4
12/12/2007 06:00	01:00:00	36.5	28.0	39.4	37.8
12/12/2007 07:00	01:00:00	37.8	26.7	39.9	39.1
12/12/2007 08:00	01:00:00	40.3	29.6	43.6	41.6
12/12/2007 09:00	01:00:00	44.9	35.1	46.3	46.9
12/12/2007 10:00	01:00:00	55.9	30.7	59.5	57.6
12/12/2007 11:00	01:00:00	41.3	32.0	44.6	43.5
12/12/2007 12:00	01:00:00	41.8	31.2	44.9	44.1
12/12/2007 13:00	01:00:00	43.8	31.0	46.1	45.8
12/12/2007 14:00	01:00:00	45.4	30.9	45.2	48.5
12/12/2007 15:00	01:00:00	42.2	32.3	45.8	44.4
12/12/2007 16:00	01:00:00	41.7	33.3	45.7	45.8

Summary of Site Notes:

Still and clear conditions with ambient temperatures of around 2.5 deg C. Low levels of ambient noise, however dominant source is road traffic noise from the A82. Only other observed source was sporadic birdsong and occasional movements of vehicles on the access road to Willow Square, but no through traffic on this route as the road ends at a single dwelling just beyond the square. On the second morning, damp and drizzly conditions were noted with a small increase in temperature. The mist had come in, decreasing visibility. There was no frost, although patches of snow remained from an earlier fall.

Table A13.1: Noise Measurement Data for Measurement Location 2, Free-field, dB

Period Start	Duration	L _{Aeq,T}	L _{A90,T}	L _{A10,T}	L _{AFmax}
12/12/2007 16:00	01:00:00	48.5	39.3	51.4	60.7
12/12/2007 17:00	01:00:00	46.6	37.8	50.2	65.6
12/12/2007 18:00	01:00:00	46.2	37.8	49.4	64.8
12/12/2007 19:00	01:00:00	45.6	37.3	49.3	57.3
12/12/2007 20:00	01:00:00	46.4	35.7	50.3	58.7
12/12/2007 21:00	01:00:00	45.6	33.1	49.8	58.7
12/12/2007 22:00	01:00:00	42.9	32.0	47.0	61.5
12/12/2007 23:00	01:00:00	42.6	31.9	46.8	55.6
13/12/2007 00:00	01:00:00	41.5	30.8	46.3	56.6
13/12/2007 01:00	01:00:00	38.2	31.2	42.5	52.6
13/12/2007 02:00	01:00:00	39.7	31.9	43.6	55.4
13/12/2007 03:00	01:00:00	39.1	32.4	41.6	55.7
13/12/2007 04:00	01:00:00	40.4	32.3	44.0	60.4
13/12/2007 05:00	01:00:00	42.2	32.2	47.2	58.3
13/12/2007 06:00	01:00:00	44.3	33.2	48.7	59.8

Period Start	Duration	L _{Aeq,T}	L _{A90,T}	L _{A10,T}	L _{AFmax}
13/12/2007 07:00	01:00:00	45.8	34.7	50.3	59.2
13/12/2007 08:00	01:00:00	47.0	37.5	50.6	58.1
13/12/2007 09:00	01:00:00	47.5	40.1	51.0	66.0
13/12/2007 10:00	01:00:00	47.7	41.9	50.9	64.2
13/12/2007 11:00	01:00:00	50.0	41.6	51.1	74.1

Summary of Site Notes:

Ambient temperature around 3.5-4 deg C, damp, misty conditions.

Ambient noise levels low in a similar manner to Location 1. Road traffic noise is also the dominant source at this location. No close range vehicle movements as dwellings are set back from the road and do not have driveways approaching them. An increase in precipitation was noted on the second morning but no frost was observed whilst mist remained.