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Location 35 Blakiewell Mill: The measurement location was 6.7m from the east facing window of the property. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was birdsong. Winds affecting the surrounding trees also contributed the overall noise climate.

Table 35: Location 35

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	05/07/2006	11:54	00:30	48.1	48.8	36.7	3.0 S	Sunny, Dry	Lawnmower noise at start of measurement in distance, Aircraft passing (x4), Dogs barking at 12:03 hrs.
Weekday PM	05/07/2006	15:43	00:30	51.1	53.6	46.9	4.5 S	Sunny, Dry	Children playing in garden next door throughout measurement. Aircraft overhead passing (x3).

Figure 35 – Measurement Location 35



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Location 53 Greens of Crynoch: There is an access road to other properties in the area, situated directly north of the property boundary. The measurement location was 3.5m from the north facing window of the property. This location was chosen due to no windows or doors being present on the east facing wall. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was birdsong. Occasional noise from cattle, also contributed to the overall noise climate.

Table 53: Location 53

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	06/07/2006	11:38	00:30	40.6	43.4	30.2	3.0 W	Sunny, Dry	Cars passing on access road (x7) during measurement period, a helicopter passed at 11:48 hrs.
Weekday PM	06/07/2006	15:36	00:30	45.8	43.0	33.0	0 N/A	Sunny, Dry	Cars passing on access road (x5) during measurement period, aircraft passed at 15:45hrs.

Figure 53 – Measurement Location 53



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Location 54/55 Crossley: The measurement location was 5m from the east facing windows of the property. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was aircraft passing overhead.

Table 54/55: Location 54/55

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	21/07/06	10:21	00:30	41.9	45.4	25.2	0 N/A	Sunny	5 x aircraft passing overhead during measurement period.
Weekday PM	07/09/06	16:12	00:30	53.8	57.5	36.0	<3.4 SW	Sunny Spells, Dry	Van movement in driveway at 16:28 hrs.

Figure 54/55: Measurement Location 54/55



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Location 56 North Rothnick: The measurement location was 1m from the south facing window of the property. This location was chosen due to no windows or doors being present on the east facing wall. The sound level meter was located 1.2m above the ground in façade conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was birdsong. Occasional noise from cattle situated in a neighbouring field also contributed to the overall noise climate.

Table 56: Location 56

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind (Max m/s)	Conditions	
Weekday AM	13/07/2006	09:48	00:30	38.9	41.9	32.2	0 N/A	Sunny, Dry	Aircraft passing at 10:12hrs.
Weekday PM	13/07/2006	13:49	00:30	38.1	35.0	28.0	0 N/A	Sunny, Dry	Aircraft passing at 13:51 hrs., Door closed at 14:09hrs.

Figure 56 – Measurement Location 56



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Location 57 Meadowbank: There is an access road to other properties in the area directly to the north of the property boundary. The measurement location was 4.7m from the east facing window of the property. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was distant agricultural machinery noise. Birdsong and winds affecting the surrounding trees also contributed to the overall noise climate.

Table 57: Location 57

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average (m/s) & Direction)	Conditions	
Weekday AM	06/07/2006	10:43	00:30	42.2	40.9	31.3	3.0 S	Sunny, Dry	Car passing on access road (x2), Aircraft passing during measurement period.(x3)
Weekday PM	06/07/2006	14:46	00:30	38.4	40.9	34.4	2.6 S	Sunny, Dry	Aircraft passing during measurement period (x2)

Figure 57 – Measurement Location 57



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Location 58 North Cookney Croft: The measurement location was approximately 2m from the property boundary wall facing south. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was birdsong. Winds affecting the surrounding trees also contributed to the overall noise climate.

The afternoon measurement was not carried out for health & safety reasons.

Table 58: Location 58

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	24/05/06	11:15	00:30	48.9	51.2	39.0	2.2 S.W.	Sunny, Dry spells, light rain shower	Car passing on access road (x3) during measurement period,
Weekday PM	<u>Afternoon measurement not gathered due to aggressive dogs on property.</u>								

Figure 58: Location 58



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Location 59 Mains of Cookney: The measurement location was 4.3m from the south east facing window of the property. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement was birdsong. Occasional cattle noise also affected the overall noise climate.

Table 59: Location 59

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	13/07/2006	11:26	00:30	35.7	37.3	26.5	0 N/A	Sunny, Dry	Tractor passed nearby at 11:33 hrs, Aircraft passed at 11:46 hrs
Weekday PM	13/07/2006	14:30	00:30	35.9	37.6	27.5	0 N/A	Sunny, Dry	Tractor passed nearby with trailer at 14:48 hrs Aircraft (x2) passed during the measurement period.

Figure 59 – Measurement Location 59



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Location 60 Gowanlea: The measurement location was across the road from the property, approximately 2.2m from the roadside, facing west. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was birdsong. Distant road traffic noise from the north and distant tractor noise from a field to the east, also contributed to the overall noise climate.

The property of Gowanlea, shown below in Figure 60, is at a further distance from the road than the microphone was positioned during the measurement period. Therefore a distance correction has been applied to any vehicles passing during the measurement period.

Table 55: Noise Level Data for Gowanlea

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	21/07/06	11:14	00:30	54.2 48.1*	42.1	28.6	0 N/A	Sunny	5 x cars pass <i>*Distance corrected L_{Aeq}</i>
Weekday PM	07/09/06	17:01	00:30	58.3	46.9	36.1	<4.6 W	Overcast, Dry	10 x cars pass during the measurement period.

Figure 55: Measurement Location at Gowanlea



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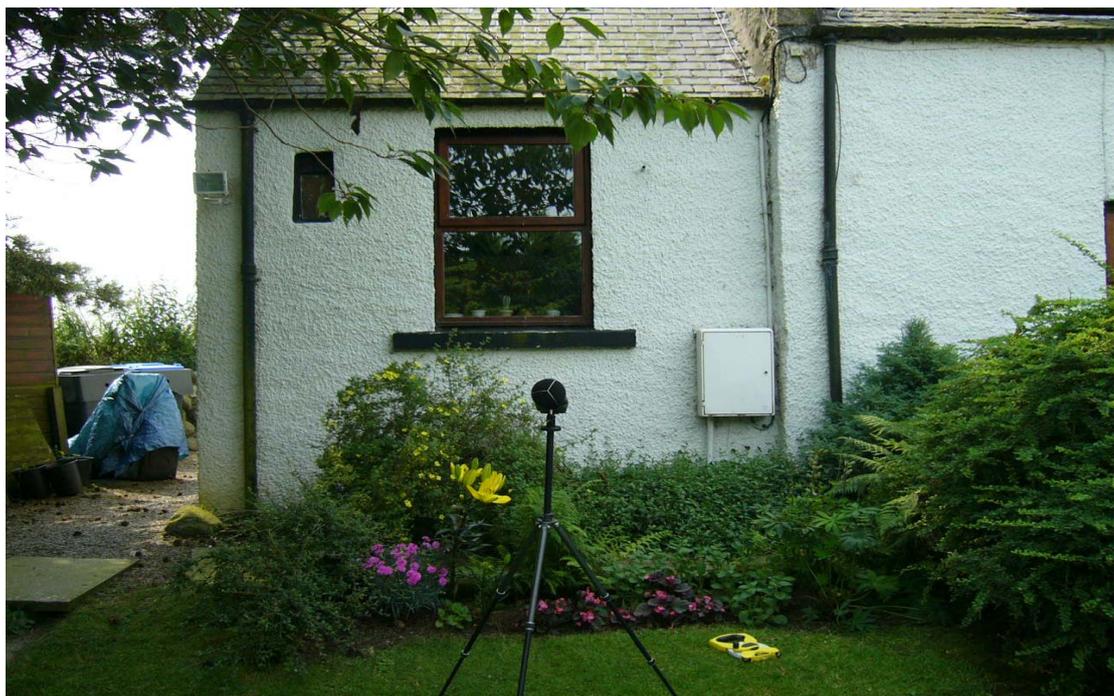
Location 61 Elrick Cottar House: There is an access lane to farmland passing in front of the property to the north. The measurement location was 3.5m from the north facing window of the property. This location was chosen due to no windows or doors being present on the east facing wall of the property. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was birdsong.

Table 61: Location 61

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	26/07/2006	12:24	00:30	40.0	43.0	32.5	0 N/A	Sunny, Dry	Aircraft passing (x2), Cars (x2) pulled out of driveway during the measurement period.
Weekday PM	26/07/2006	15:38	00:30	41.9	45.6	33.0	0 N/A	Sunny, Dry	Aircraft (x2), tractor on access lane at 16:05 hrs, car entered driveway at 16:06 hrs.

Figure 61 – Measurement Location 61



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Location 62 Burnside Farm: The measurement location was 1m from the west facing window of the property. The sound level meter was located 1.2m above the ground in façade conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was birdsong. Winds affecting the surrounding trees also contributed to the overall noise climate.

Table 62: Location 62

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s)	Conditions	
Weekday AM	26/07/2006	11:36	00:30	40.1	42.8	33.8	1.8 SW	Overcast	Aircraft passed (x2)
Weekday PM	26/07/2006	15:00	00:30	37.3	38.8	32.6	0 N/A	Dry, Sunny spells	Aircraft passed (x3), Dog barking at 15:14 hrs.

Figure 62 – Measurement Location 62



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Location 63: Strathgyle Cottage

Measurements not taken as access denied.

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Location 64 Broomhill Cottage: There is an access road to other properties in the area situated directly to west of the property boundary. The measurement location was 3.5m from the west facing window of the property. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was birdsong. Distant road traffic noise from the south also affected the overall noise climate.

Table 64: Location 64

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	12/07/2006	12:17	00:30	46.4	45.4	35.8	2.5 S	Overcast	Car passed on access road (x2), Aircraft passed at 12:38 hrs.)
Weekday PM	12/07/2006	16:10	00:30	51.2	44.3	34.3	0 N/A	Overcast	A number of cars passed on access road to the west.

Figure 64 – Measurement Location 64



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Location 65 Fishermyme: There is an access road to the B979 directly to the north of the property boundary. The measurement location was 5m from the west facing windows of the property. This location was chosen due to no windows or doors being present on the east facing wall of the property. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was birdsong. Distant road traffic noise from the B979, situated to the west also affected the overall noise climate.

Table 65: Location 65

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	08/09/06	10:53	00:30	50.2	52.6	43.2	<1.7 NW	Sunny Spells, Dry	Aircraft passing (x2). A tractor and van passed on access road during the measurement period.
Weekday PM	08/09/06	14:06	00:30	48.6	49.0	43.4	<3.3 NW	Sunny Spells, Dry	Aircraft passed at start of measurement. A, van and car passed on access road during the measurement period.

Figure 65 – Measurement Location 65



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Location 66 Kempstone Hill: The measurement location was 1m from the west facing window of the property. The sound level meter was located 1.2m above the ground in façade conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was birdsong. Distant road traffic noise from the B979, situated to the west, also affected the overall noise climate.

Table 66: Location 66

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	12/07/2006	11:30	00:30	44.6	46.0	38.6	3.7 S	Overcast	Aircraft passing at 11:39 hrs.
Weekday PM	12/07/2006	15:26	00:30	43.6	46.1	39.2	<4.7 S	Overcast	Aircraft passing at 15:28 hrs

Figure 66 – Measurement Location 66



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Location 67 Ardchoille: The measurement location was 3.5m from the west facing window of the property. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was birdsong. Distant road traffic noise from the A90, situated to the south, also affected the overall noise climate.

Table 67: Location 67

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	26/07/2006	10:45	00:30	42.3	44.6	36.2	3.6 E	Overcast	Aircraft passed (x2) during the measurement period.
Weekday PM	26/07/2006	14:20	00:30	42.0	43.3	38.6	3.1 E	Dry, sunny spells	Aircraft passed (x2) during the measurement period.

Figure 67 – Measurement Location 67



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Location 68 Bayview Ury: The measurement location was 1m from the east facing window of the property. The sound level meter was located 1.2m above the ground in façade conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was road traffic noise from the B979, situated directly to the east of the property boundary. Road traffic noise from the A90, situated to the south also affected the overall noise climate.

Table 68: Location 68

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	12/07/2006	10:43	00:30	62.8	65.0	54.0	2.0 S	Overcast	Steady road traffic noise present throughout measurement period.
Weekday PM	12/07/2006	14:42	00:30	63.7	66.3	55.8	0 N/A	Overcast	Steady road traffic noise present throughout measurement period.

Figure 68 – Measurement Location 68



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Location 69 Megray House: The measurement location was 1m from the west facing window of the property. The sound level meter was located 1.2m above the ground in façade conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was road traffic noise from the A90, situated to the southeast of the property. Birdsong throughout the measurement period also affected the overall noise climate.

Table 69: Location 69

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (Average m/s) & Direction	Conditions	
Weekday AM	16/08/06	12:35	00:30	42.4	43.4	39.2	0 N/A	Overcast, dry	Property door closed (x3) during measurement period.
Weekday PM	16/08/06	17:20	00:30	44.3	44.0	40.6	0 N/A	Overcast, dry	Aircraft passed (x2) during measurement period.

Figure 69 – Measurement Location 69



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Location 71 3 Mains of Ury: Partially shielded by vegetation, the A90 is situated approximately 20m to the south of the property boundary. The measurement location was 1m from the south facing conservatory windows of the property. The sound level meter was located 1.2m above the ground in façade conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant noise source at this location, at the time of measurement, was continuous road traffic noise from the A90, to the south. Birdsong also contributed to the overall noise climate.

Table 71 – Location 71

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (m/s) & Direction	Conditions	
Weekday AM	04/04/2007	09:24	00:30	61.0	64.0	54.6	0 Sheltered	Sunny, dry	Continuous flow of road traffic noise from the A90 to the east.
Weekday PM	04/04/2007	13:58	00:30	66.5	69.4	61.0	0 Sheltered	Sunny, dry	Continuous flow of road traffic noise from the A90 to the east.

Figure 71 – Measurement location 71



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New Location 78 Foresters Croft: The measurement location was 3.5m from the north facing door of the property. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant source at this location, at the time of measurement, was birdsong. Occasional car traffic passing on the B979, to the west of the property, also affected the overall noise climate.

Table 78: Location 78

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (m/s) & Direction	Conditions	
Weekday AM	04/04/2007	10:13	00:30	50.4	54.4	31.8	0 Sheltered	Sunny, dry	Birdsong, occasional car passes on B979
Weekday PM	04/04/2007	14:39	00:30	49.3	52.8	36.1	0 Sheltered	Sunny, dry	Birdsong, occasional car passes on B979

Figure 78 –Measurement Location 78



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New Location 79 Curlews Cottage: The measurement location was 8.8m from the north facing window of the property. The sound level meter was located 1.2m above the ground in free field conditions. The monitoring equipment was calibrated both before and after the measurement period using an acoustic calibrator, which has itself been calibrated against a reference set traceable to National and International Standards. There was no shift in the observed calibration level.

The dominant background noise at this location, at the time of measurement, was birdsong. Distant agricultural noise to the west of the property also affected the overall noise climate.

Table 79: Location 79

Period	Start Date	Start Time (hh:mm)	Duration (hh:mm)	Noise Level (dB)			Weather		Comments
				L _{Aeq,T}	L _{A10,T}	L _{A90,T}	Wind Speed (m/s) & Direction	Conditions	
Weekday AM	04/04/2007	11:04	00:30	43.4	46.0	35.6	2.4 W	Sunny, dry	At 11:10 hrs water running in drain and extractor fan on property wall started. 11:20 hrs aircraft passed and 11:23hrs extractor fan ceased.
Weekday PM	04/04/2007	15:21	00:30	39.5	40.5	33.3	0 Sheltered	Sunny, dry	Birdsong present

Figure 79 – Measurement Location 79

