
TECHNICAL NOTE

Project **Coole Wind Farm Noise**

Subject **Response to F.I. Request**

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AWN Consulting Ltd (AWN) have been requested by MKO to provide a response to a Request for Further Information in relation to the proposed Coole Wind Farm development, planning application Ref No. ABP-309770-21 with An Bord Pleanála.

The following technical note provides a response on the topic of the range of possible turbine technologies which may be selected if the planning application is granted. The relevant sections from the FI Request are quoted below:

- 1.1 *It is noted that the development description as set out in the statutory notices refers to a maximum tip height of 175 metres. It noted that within this size envelope various configurations of hub height, rotor diameter and ground to blade tip height may be used and that the make and model of the turbine will be dictated by a competitive tender process. It is noted that a hub height of 100.5m is used as the basis of the noise assessment and that the landscape chapter references a maximum rotor diameter of up to 155m and that there is no similar reference in the biodiversity and ornithology or biodiversity chapters or in the Natura Impact Statement.*

[...]

- 1.3. *If the development for which permission is sought incorporates a range of options, please indicate clearly in the application documentation the detail of all such options and confirm that each option has been fully assessed within the application documentation including within the Environmental Impact Assessment Report and Natura Impact Statement.*

The noise assessment in the EIAR was based on Nordex N149 turbine technology with a hub height of 100.5 m. In order to address the request, two additional models of turbine have been assessed using the same methodology and guidance.



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This technical note summarises the noise assessment in the EIAR and then presents the input data and results for the two additional turbine technologies. The three different scenarios evaluated are therefore:

- Scenario 1: Nordex N149 at 100.5 m hub height (as in EIAR).
- Scenario 2: Siemens SG155 at 97.5 m hub height.
- Scenario 3: Vestas V150 at 100 m hub height.

The effect of changing the hub height has been examined and in this instance does not result in any change to the noise criteria under the Wind Energy Development Guidelines 2006.

1.0 SUMMARY OF NOISE ASSESSMENT IN EIAR

The sound power levels for the Nordex N149 with a hub height of 100.5 m are presented in Table 1 below.

Standardised 10m Height Wind Speed (m/s)	Octave Band (Hz) Sound Power Levels (dB re 10 ⁻¹² W)								dB(A)
	63	125	250	500	1k	2k	4k	8k	
3	77.1	83.7	86.6	87.6	88	86.2	80.5	71.3	94.0
4	78.3	84.9	87.8	88.8	89.2	87.4	81.7	72.5	95.2
5	81.0	87.6	91.3	93.4	94.7	92.8	83.2	75.3	99.7
6	85.3	91.9	95.6	97.7	99.0	97.1	87.5	79.6	104.0
7	86.9	93.4	97.1	99.2	100.5	98.7	89.1	81.2	105.5
≥8	87.3	93.5	97.2	99.8	100.5	98.0	90.4	82.4	105.6

Table 1 Scenario 1: Sound Power Levels for Nordex N149 at 100.5 m hub height

The predicted noise levels for all 198 locations assessed are presented in Table 11.22 of the EIAR. Potential exceedances of the noise criteria were noted at locations H007, H013, H014, H034, H040 and H041. As H007 and H034 are derelict and as H40 and H41 are commercial/agricultural buildings, these locations are not considered noise-sensitive. Noise at the remaining the remaining locations, H013 and H014 are re-presented in Table 2 below.

NSL Ref	Parameter	Sound Pressure Level, dB LA90,10min at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	31.1	32.3	36.6	40.9	42.4	42.6	42.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.9	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H014	Dwelling	30.4	31.6	35.9	40.2	41.7	42	42
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.2	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--

Table 2 Review of Predicted Turbine Noise Levels against Relevant Criteria at H013 and H014.

As stated in the EIAR, once wind direction was taken into account, the predicted exceedances reduce as shown in Tables 11-23 and 11-24 in Section 11.5.3.1.1 of the EIAR, re-presented here:

Dwelling H013		Excesses of Criterion dB L _{A90,10min} at Various Standardised Wind Speeds (m/s)						
Wind Direction	Period	3	4	5	6	7	8	9
West	Daytime	--	--	--	0.2	--	--	--
	Night-time	--	--	--	--	--	--	--
Northwest	Daytime	--	--	--	0.5	--	--	--
	Night-time	--	--	--	--	--	--	--

Table 3 Scenario 1 (as in EIAR): Summary of Predicted Potential Exceedances – H013.

Dwelling H014		Excesses of Criterion dB L _{A90,10min} at Various Standardised Wind Speeds (m/s)						
Wind Direction	Period	3	4	5	6	7	8	9
West	Daytime	--	--	--	0.2	--	--	--
	Night-time	--	--	--	--	--	--	--

Table 4 Scenario 1 (as in EIAR): Predicted Potential Exceedances – H014.

As stated in the EIAR, in also Section 11.5.3.1.1:

Wind turbines can be programmed to run in reduced modes of operation (or low noise modes) in order to achieve noise criteria during certain periods (i.e. day or night) and in specific wind conditions (i.e. wind speed and direction). The turbine technology that has been assumed for this assessment offers various low noise modes of operation which typically will have an associated energy output reduction.

In order to mitigate these exceedances, an indicative curtailment scheme was presented in Tables 11-25 and 11-26 of the EIAR, re-presented here:

Wind Direction	Period	Excesses of Criterion dB L _{A90,10min} at Various Standardised Wind Speeds (m/s)						
		4	5	6	7	8	9	
Northwest	Daytime	--	--	T05: -1 dB T06: -1 dB T09: -1 dB T10: -1 dB T13: -1 dB T14: -1 dB	--	--	--	--
	Night-time	--	--	--	--	--	--	--

Table 5 Indicative Turbine Curtailment Matrix for Northwest Wind Direction

Wind Direction	Period	Excesses of Criterion dB L _{A90,10min} at Various Standardised Wind Speeds (m/s)						
		4	5	6	7	8	9	
North	Daytime	--	--	T08: -1 dB T10: -1 dB T11: -1 dB	--	--	--	--
	Night-time	--	--	--	--	--	--	--

Table 6 Indicative Turbine Curtailment Matrix for North Wind Direction

Taking this into account, the predicted noise levels are within the noise criteria. In the following sections, this process is repeated for Scenario 2 and Scenario 3.

2.0 SCENARIO 2: SG155

The sound power levels for the Siemens Gamesa SG155 with a hub height of 97.5 m are presented in Table 7 below.

Standardised 10m Height Wind Speed (m/s)	Octave Band (Hz) Sound Power Levels (dB re 10 ⁻¹² W)								dB(A)
	63	125	250	500	1k	2k	4k	8k	
3	72.4	79.8	84.4	86.7	86.5	86.8	80.2	65.2	92.8
4	77.3	84.7	89.3	91.6	91.4	91.7	85.1	70.1	97.7
5	82.1	89.5	94.1	96.4	96.2	96.5	89.9	74.9	102.5
6	83.6	91.1	97.0	98.5	99.6	98.4	92.7	76.9	105.0
7	83.6	91.1	97.0	98.5	99.6	98.4	92.7	76.9	105.0
8	86.1	92.3	97.3	97.6	99.3	98.9	93.0	76.1	105.0
9	86.1	92.3	97.3	97.6	99.3	98.9	93.0	76.1	105.0

Table 7 Scenario 2: Sound Power Levels for SG155 at 97.5 m hub height

The predicted noise levels for all 198 locations assessed are presented in Appendix A of this technical note. Potential exceedances of the noise criteria include a similar set of locations to Scenario 1 though in this scenario (Scenario 2), two new residential locations, H023 and H024 are also showing potential exceedances:

NSL Ref	Parameter	Sound Pressure Level, dB LA90,10min at Wind Speed m/s at Standardised 10 m height							
		3	4	5	6	7	8	9	
H013	Dwelling	29.3	34.2	39	41.6	41.6	41.5	41.5	
	Daytime Criterion	40	40	40	40	45	45	45.4	
	Daytime Excess	--	--	--	1.6	--	--	--	
	Night-time Criterion	43	43	43	43	43	43	45.5	
	Night-time Excess	--	--	--	--	--	--	--	
H014	Dwelling	28.7	33.6	38.4	40.9	40.9	40.8	40.8	
	Daytime Criterion	40	40	40	40	45	45	45.4	
	Daytime Excess	--	--	--	0.9	--	--	--	
	Night-time Criterion	43	43	43	43	43	43	45.5	
	Night-time Excess	--	--	--	--	--	--	--	
H023	Dwelling	28.2	33.1	37.9	40.5	40.5	40.4	40.4	
	Daytime Criterion	40	40	40	40	45	45	45.4	
	Daytime Excess	--	--	--	0.5	--	--	--	
	Night-time Criterion	43	43	43	43	43	43	45.5	
	Night-time Excess	--	--	--	--	--	--	--	
H024	Dwelling	27.9	32.8	37.6	40.2	40.2	40.1	40.1	
	Daytime Criterion	40	40	40	40	45	45	45.4	
	Daytime Excess	--	--	--	0.2	--	--	--	
	Night-time Criterion	43	43	43	43	43	43	45.5	
	Night-time Excess	--	--	--	--	--	--	--	

Table 8 Scenario 2: Predicted Turbine Omni-directional Noise Levels against Relevant Criteria at H013, H014, H23 and H24.

Similarly, once wind direction was taken into account, these exceedances at H013, H014 and H023 reduce and the exceedances at H024 are no longer present. Tables 9 to 16 present the predicted noise levels at these noise-sensitive locations for each of the eight wind direction sectors. Note that as there are no exceedances of night-time criteria, the tables present the daytime assessment only.

NSL Ref	Parameter	Sound Pressure Level, dB L _{A90,10min} at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	28.4	33.3	38.1	40.7	40.7	40.6	40.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.7	--	--	--
H014	Dwelling	25.3	30.2	35	37.5	37.5	37.4	37.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H023	Dwelling	26.1	31	35.8	38.4	38.4	38.3	38.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H024	Dwelling	24.9	29.8	34.6	37.2	37.2	37.1	37.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 9 Scenario 2: Predicted turbine noise levels in the north wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB L _{A90,10min} at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	27	31.9	36.7	39.3	39.3	39.2	39.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H014	Dwelling	27.4	32.3	37.1	39.6	39.6	39.5	39.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H023	Dwelling	24.2	29.1	33.9	36.5	36.5	36.4	36.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H024	Dwelling	23.5	28.4	33.2	35.8	35.8	35.7	35.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 10 Scenario 2: Predicted turbine noise levels in the northeast wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB L _{A90,10min} at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	25.3	30.2	35	37.6	37.6	37.5	37.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H014	Dwelling	28.7	33.6	38.4	40.9	40.9	40.8	40.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.9	--	--	--
H023	Dwelling	23.5	28.4	33.2	35.8	35.8	35.7	35.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H024	Dwelling	24	28.9	33.7	36.3	36.3	36.2	36.2
	Daytime Criterion	40	40	40	40	45	45	45.4

NSL Ref	Parameter	Sound Pressure Level, dB L _{A90,10min} at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
	Daytime Excess	--	--	--	--	--	--	--

Table 11 Scenario 2: Predicted turbine noise levels in the east wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB L _{A90,10min} at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	24.8	29.7	34.5	37.1	37.1	37	37
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H014	Dwelling	28.6	33.5	38.3	40.8	40.8	40.7	40.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.8	--	--	--
H023	Dwelling	24.4	29.3	34.1	36.7	36.7	36.6	36.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H024	Dwelling	25.6	30.5	35.3	37.9	37.9	37.8	37.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 12 Scenario 2: Predicted turbine noise levels in the southeast wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB L _{A90,10min} at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	25.7	30.6	35.4	38	38	37.9	37.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H014	Dwelling	27.8	32.7	37.5	40	40	39.9	39.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H023	Dwelling	25.9	30.8	35.6	38.1	38.1	38.1	38.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H024	Dwelling	26.5	31.4	36.2	38.8	38.8	38.7	38.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 13 Scenario 2: Predicted turbine noise levels in the south wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB L _{A90,10min} at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	27.5	32.4	37.2	39.8	39.8	39.7	39.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H014	Dwelling	26.1	31	35.8	38.3	38.3	38.2	38.2
	Daytime Criterion	40	40	40	40	45	45	45.4

NSL Ref	Parameter	Sound Pressure Level, dB LA90,10min at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
	Daytime Excess	--	--	--	--	--	--	--
H023	Dwelling	27.6	32.5	37.3	39.9	39.9	39.8	39.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H024	Dwelling	27.6	32.5	37.3	39.9	39.9	39.8	39.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 14 Scenario 2: Predicted turbine noise levels in the southwest wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB LA90,10min at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	28.6	33.5	38.3	40.9	40.9	40.8	40.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.9	--	--	--
H014	Dwelling	22.9	27.8	32.6	35.1	35.1	35	35
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H023	Dwelling	27.8	32.7	37.5	40.1	40.1	40	40
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.1	--	--	--
H024	Dwelling	27.2	32.1	36.9	39.5	39.5	39.4	39.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 15 Scenario 2: Predicted turbine noise levels in the west wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB LA90,10min at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	28.9	33.8	38.6	41.2	41.2	41.1	41.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	1.2	--	--	--
H014	Dwelling	23.1	28	32.8	35.3	35.3	35.2	35.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H023	Dwelling	27.4	32.3	37.1	39.7	39.7	39.6	39.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H024	Dwelling	26.3	31.2	36	38.6	38.6	38.5	38.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 16 Scenario 2: Predicted turbine noise levels in the northwest wind direction.

In order to mitigate these exceedances, an indicative curtailment scheme is presented in Table 17:

Wind Direction	Period	Excesses of Criterion dB L _{A90,10min} at Various Standardised Wind Speeds (m/s)					
		4	5	6	7	8	9
North	Daytime	--	--	T05: -1 dB T09: -1 dB T06: -1 dB T15: -1 dB T13: -1 dB T08: -1 dB	--	--	--
East		--	--	T11: -2 dB T10: -1 dB T08: -1 dB T12: -1 dB	--	--	--
Southeast		--	--	T11: -1 dB T10: -1 dB T08: -1 dB T12: -1 dB T09: -1 dB	--	--	--
West		--	--	T09: -2 dB T13: -2 dB T06: -2 dB T05: -1 dB	--	--	--
Northwest		--	--	T05: -2 dB T09: -2 dB T13: -2 dB T06: -2 dB T14: -1 dB	--	--	--

Table 17 Indicative Turbine Curtailment Matrix for Scenario 2

Taking this into account, the predicted noise levels are within the noise criteria for Scenario 2.

3.0 SCENARIO 3: V150

The sound power levels for the Vestas V150 with a hub height of 100 m are presented in Table 18 below.

Standardised 10m Height Wind Speed (m/s)	Octave Band (Hz) Sound Power Levels (dB re 10 ⁻¹² W)								dB(A)
	63	125	250	500	1k	2k	4k	8k	
3	73.6	81.3	86.1	87.9	86.7	82.5	75.3	65.1	92.7
4	76.7	84.6	89.4	91.3	90.1	86.0	78.8	68.6	96.1
5	81.1	88.9	93.7	95.6	94.5	90.3	83.2	73.0	100.4
6	84.4	92.3	97.2	99.1	98.0	93.9	86.8	76.6	103.9
7	85.1	93.1	98.0	100.0	98.9	94.8	87.7	77.5	104.8
8	85.5	93.3	98.2	100.1	99.0	94.8	87.7	77.6	104.9
9	86.3	93.7	98.2	100.0	98.9	94.8	88.0	78.2	104.9

Table 18 Scenario 3: Sound Power Levels for V150 at 100 m hub height

The predicted noise levels for all 198 locations assessed are presented in Appendix B of this technical note. Exceedances of the noise criteria include a similar set of locations as above though in this scenario: H013, H014, and H023.

NSL Ref	Parameter	Sound Pressure Level, dB $L_{A90,10min}$ at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	30.2	33.6	37.9	41.4	42.3	42.4	42.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	1.4	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H014	Dwelling	29.6	32.9	37.2	40.7	41.6	41.7	41.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.7	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H023	Dwelling	29.1	32.5	36.8	40.3	41.2	41.3	41.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.3	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--

Table 19 Scenario 3: Predicted Turbine Omni-directional Noise Levels against Relevant Criteria at H013, H014, H23 and H24.

Once again, with wind direction taken into account, these exceedances at H013, and H014 reduce and the exceedances at H023 are no longer present. Tables 20 to 27 present the predicted noise levels at these noise-sensitive locations for each of the eight wind direction sectors. Note that as there are no exceedances of night-time criteria, the tables present daytime assessment only.

NSL Ref	Parameter	Sound Pressure Level, dB $L_{A90,10min}$ at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	29.3	32.7	37	40.5	41.4	41.5	41.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.5	--	--	--
H014	Dwelling	26.2	29.5	33.8	37.3	38.2	38.3	38.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H023	Dwelling	27	30.4	34.7	38.2	39.1	39.2	39.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 20 Scenario 3: Predicted turbine noise levels in the north wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB $L_{A90,10min}$ at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	28	31.4	35.7	39.2	40.1	40.2	40.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H014	Dwelling	28.3	31.6	35.9	39.4	40.3	40.4	40.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

NSL Ref	Parameter	Sound Pressure Level, dB LA90,10min at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H023	Dwelling	25.1	28.5	32.8	36.3	37.2	37.3	37.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 21 Scenario 3: Predicted turbine noise levels in the northeast wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB LA90,10min at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	26.3	29.7	34	37.5	38.4	38.5	38.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H014	Dwelling	29.6	32.9	37.2	40.7	41.6	41.7	41.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.7	--	--	--
H023	Dwelling	24.4	27.8	32.1	35.6	36.5	36.6	36.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 22 Scenario 3: Predicted turbine noise levels in the east wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB LA90,10min at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	25.7	29.1	33.4	36.9	37.8	37.9	37.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H014	Dwelling	29.5	32.8	37.1	40.6	41.5	41.6	41.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.6	--	--	--
H023	Dwelling	25.3	28.7	33	36.5	37.4	37.5	37.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 23 Scenario 3: Predicted turbine noise levels in the southeast wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB LA90,10min at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	26.6	30	34.3	37.8	38.7	38.8	38.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H014	Dwelling	28.7	32	36.3	39.8	40.7	40.8	40.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H023	Dwelling	26.9	30.3	34.6	38.1	39	39.1	39.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 24 Scenario 3: Predicted turbine noise levels in the south wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB L _{A90,10min} at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	28.5	31.9	36.2	39.7	40.6	40.7	40.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H014	Dwelling	27	30.3	34.6	38.1	39	39.1	39.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H023	Dwelling	28.5	31.9	36.2	39.7	40.6	40.7	40.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 25 Scenario 3: Predicted turbine noise levels in the southwest wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB L _{A90,10min} at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	28.6	33.5	38.3	40.9	40.9	40.8	40.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.9	--	--	--
H014	Dwelling	22.9	27.8	32.6	35.1	35.1	35	35
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H023	Dwelling	27.8	32.7	37.5	40.1	40.1	40	40
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.1	--	--	--

Table 26 Scenario 3: Predicted turbine noise levels in the west wind direction.

NSL Ref	Parameter	Sound Pressure Level, dB L _{A90,10min} at Wind Speed m/s at Standardised 10 m height						
		3	4	5	6	7	8	9
H013	Dwelling	29.8	33.2	37.5	41	41.9	42	42
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	1.0	--	--	--
H014	Dwelling	24	27.3	31.6	35.1	36	36.1	36.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
H023	Dwelling	28.3	31.7	36	39.5	40.4	40.5	40.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

Table 27 Scenario 3: Predicted turbine noise levels in the northwest wind direction.

In order to mitigate these exceedances, an indicative curtailment scheme is presented in Table 28:

Wind Direction	Period	Excesses of Criterion dB L _{A90,10min} at Various Standardised Wind Speeds (m/s)					
		4	5	6	7	8	9
North	Daytime	--	--	T05: -1 dB T09: -1 dB T06: -1 dB T15: -1 dB	--	--	--
East		--	--	T11: -1 dB T10: -1 dB T08: -1 dB T12: -1 dB T09: -1 dB	--	--	--
Southeast		--	--	T11: -1 dB T10: -1 dB T08: -1 dB	--	--	--
West		--	--	T09: -2 dB T13: -2 dB T06: -1 dB T05: -1 dB T14: -1 dB	--	--	--
Northwest		--	--	T05: -2 dB T09: -2 dB T13: -2 dB T06: -1 dB T14: -1 dB	--	--	--

Table 28 Indicative Turbine Curtailment Matrix Scenario 3

Taking this mitigation into account, the predicted noise levels for Scenario 3 are within the noise criteria.

4.0 CONCLUSION

Paragraph 1.3 of the Request for Further Information is repeated here:

- 1.3. *If the development for which permission is sought incorporates a range of options, please indicate clearly in the application documentation the detail of all such options and confirm that each option has been fully assessed within the application documentation including within the Environmental Impact Assessment Report and Natura Impact Statement.*

The EIAR was prepared on the basis of the Nordex N149 turbine technology; the outcome of assessment is that while there were potential exceedances, noise levels from the proposed wind farm development can be brought within criteria using curtailment of the wind turbines under the stated wind conditions (speed and direction). The scenario assessed in the EIAR is labelled 'Scenario 1' in this technical note.

Sections 2 and 3 of this technical note provide an assessment of two alternative turbine technologies, and in each case a similar situation arises, i.e. that there are a small number of potential exceedances but with consideration of wind direction and wind turbine curtailment, noise levels are within criteria, and the description of residual effects would remain the same as stated in the EIAR Section 11.6.3.1.1.

It is therefore considered that a range of options has been assessed for environmental noise and that in each case a compliant solution has been found. In respect of the final selection of turbine technology, a compliance report including a further environmental noise assessment will be completed and issued to the local authority for review. The applicant would welcome a planning condition requiring such a compliance noise report.

APPENDIX A – SCENARIO 2 PREDICTED NOISE LEVELS

House	Parameter	Noise Level, dB LA90 at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
H001	Predicted	23.5	28.4	33.2	35.8	35.8	35.7	35.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H002	Predicted	23.9	28.8	33.6	36.1	36.1	36.1	36.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H003	Predicted	24.3	29.2	34	36.5	36.5	36.5	36.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H004	Predicted	24.2	29.1	33.9	36.4	36.4	36.3	36.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H005	Predicted	23.4	28.3	33.1	35.7	35.7	35.6	35.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H006	Predicted	24	28.9	33.7	36.2	36.2	36.2	36.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H007 (Derelict)	Predicted	32.2	37.1	41.9	44.4	44.4	44.3	44.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	1.9	4.4	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	1.4	1.4	1.3	--
H008	Predicted	22.8	27.7	32.5	35	35	35	35
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H009	Predicted	24.1	29	33.8	36.3	36.3	36.2	36.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5

House	Parameter	Noise Level, dB LA90 at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Excess	--	--	--	--	--	--	--
H010	Predicted	24.4	29.3	34.1	36.7	36.7	36.6	36.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H011	Predicted	26.1	31	35.8	38.4	38.4	38.3	38.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H012	Predicted	26.3	31.2	36	38.6	38.6	38.5	38.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H013	Predicted	29.3	34.2	39	41.6	41.6	41.5	41.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	1.6	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H014	Predicted	28.7	33.6	38.4	40.9	40.9	40.8	40.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.9	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H015	Predicted	25.5	30.4	35.2	37.8	37.8	37.7	37.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H016	Predicted	25.4	30.3	35.1	37.6	37.6	37.5	37.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H017	Predicted	26.9	31.8	36.6	39.2	39.2	39.1	39.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H018	Predicted	27.6	32.5	37.3	39.9	39.9	39.8	39.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
H019	Predicted	27.8	32.7	37.5	40	40	39.9	39.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H020	Predicted	27.7	32.6	37.4	40	40	39.9	39.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H021	Predicted	27.7	32.6	37.4	39.9	39.9	39.8	39.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H022	Predicted	27.6	32.5	37.3	39.8	39.8	39.8	39.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H023	Predicted	28.2	33.1	37.9	40.5	40.5	40.4	40.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.5	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H024	Predicted	27.9	32.8	37.6	40.2	40.2	40.1	40.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.2	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H025	Predicted	22.3	27.2	32	34.5	34.5	34.5	34.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H026	Predicted	22.1	27	31.8	34.3	34.3	34.3	34.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H027	Predicted	26.8	31.7	36.5	39	39	38.9	38.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H028	Predicted	23.5	28.4	33.2	35.7	35.7	35.7	35.7

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H029	Predicted	24.6	29.5	34.3	36.8	36.8	36.7	36.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H030	Predicted	26	30.9	35.7	38.2	38.2	38.2	38.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H031	Predicted	23.7	28.6	33.4	35.9	35.9	35.9	35.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H032	Predicted	25.4	30.3	35.1	37.7	37.7	37.6	37.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H033	Predicted	22.1	27	31.8	34.3	34.3	34.3	34.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H034 (Derelict)	Predicted	31.4	36.3	41.1	43.7	43.7	43.6	43.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	1.1	3.7	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	0.7	0.7	0.6	--
H035	Predicted	22.8	27.7	32.5	35	35	35	35
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H036	Predicted	25.2	30.1	34.9	37.4	37.4	37.4	37.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H037	Predicted	25.8	30.7	35.5	38.1	38.1	38	38
	Daytime Criterion	40	40	40	40	45	45	45.4

House	Parameter	Noise Level, dB LA90 at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H038	Predicted	27.5	32.4	37.2	39.8	39.8	39.7	39.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H039 (Commercial)	Predicted	28.5	33.4	38.2	40.7	40.7	40.6	40.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.7	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H040 (Commercial)	Predicted	30.7	35.6	40.4	42.9	42.9	42.8	42.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	0.4	2.9	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H041 (Commercial)	Predicted	34.9	39.8	44.6	47.1	47.1	47	47
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	4.6	7.1	2.1	2.0	1.6
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	1.6	4.1	4.1	4.0	1.5
H042	Predicted	27.8	32.7	37.5	40	40	39.9	39.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H043 (Derelict)	Predicted	28.2	33.1	37.9	40.5	40.5	40.4	40.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.5	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H044	Predicted	23.5	28.4	33.2	35.7	35.7	35.7	35.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H045	Predicted	22.3	27.2	32	34.5	34.5	34.5	34.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H046	Predicted	25.3	30.2	35	37.5	37.5	37.5	37.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H047	Predicted	22.8	27.7	32.5	35	35	35	35
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H048	Predicted	22.4	27.3	32.1	34.6	34.6	34.6	34.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H049	Predicted	24.6	29.5	34.3	36.8	36.8	36.8	36.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H050	Predicted	21.7	26.6	31.4	34	34	33.9	33.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H051	Predicted	20.8	25.7	30.5	33	33	33	33
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H052	Predicted	19.5	24.4	29.2	31.6	31.6	31.7	31.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H053	Predicted	21.5	26.4	31.2	33.7	33.7	33.7	33.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H054	Predicted	22.4	27.3	32.1	34.6	34.6	34.6	34.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H055	Predicted	21.2	26.1	30.9	33.4	33.4	33.4	33.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Excess	--	--	--	--	--	--	--
H056	Predicted	20.9	25.8	30.6	33.1	33.1	33.1	33.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H057	Predicted	20.2	25.1	29.9	32.4	32.4	32.5	32.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H058	Predicted	18.7	23.6	28.4	30.9	30.9	30.9	30.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H059	Predicted	20.1	25	29.8	32.3	32.3	32.3	32.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H060	Predicted	20.8	25.7	30.5	33	33	33	33
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H061	Predicted	20.6	25.5	30.3	32.8	32.8	32.8	32.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H062	Predicted	20.1	25	29.8	32.3	32.3	32.3	32.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H063	Predicted	19.9	24.8	29.6	32.1	32.1	32.1	32.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H064	Predicted	20	24.9	29.7	32.2	32.2	32.3	32.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
H065	Predicted	20	24.9	29.7	32.2	32.2	32.2	32.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H066	Predicted	20.1	25	29.8	32.3	32.3	32.4	32.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H067	Predicted	18.1	23	27.8	30.3	30.3	30.4	30.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H068	Predicted	20.7	25.6	30.4	32.8	32.8	32.9	32.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H069	Predicted	19.7	24.6	29.4	31.8	31.8	31.9	31.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H070	Predicted	19.4	24.3	29.1	31.6	31.6	31.7	31.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H071	Predicted	19.2	24.1	28.9	31.3	31.3	31.4	31.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H072	Predicted	19	23.9	28.7	31.1	31.1	31.2	31.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H073	Predicted	19.2	24.1	28.9	31.4	31.4	31.4	31.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H074	Predicted	18.5	23.4	28.2	30.6	30.6	30.7	30.7

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H075	Predicted	19	23.9	28.7	31.2	31.2	31.3	31.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H076	Predicted	18.8	23.7	28.5	30.9	30.9	31	31
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H077	Predicted	18.6	23.5	28.3	30.7	30.7	30.8	30.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H078	Predicted	18.4	23.3	28.1	30.5	30.5	30.6	30.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H079	Predicted	18.6	23.5	28.3	30.7	30.7	30.8	30.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H080	Predicted	18.3	23.2	28	30.4	30.4	30.5	30.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H081	Predicted	18.3	23.2	28	30.5	30.5	30.6	30.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H082	Predicted	17.9	22.8	27.6	30	30	30.1	30.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H083	Predicted	18.1	23	27.8	30.3	30.3	30.4	30.4
	Daytime Criterion	40	40	40	40	45	45	45.4

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H084	Predicted	18.3	23.2	28	30.5	30.5	30.5	30.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H085	Predicted	17.7	22.6	27.4	29.9	29.9	30	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H086	Predicted	15.8	20.7	25.5	27.9	27.9	28	28
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H087	Predicted	18.2	23.1	27.9	30.3	30.3	30.4	30.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H088	Predicted	16.2	21.1	25.9	28.3	28.3	28.4	28.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H089	Predicted	18	22.9	27.7	30.2	30.2	30.3	30.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H090	Predicted	18	22.9	27.7	30.2	30.2	30.3	30.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H091	Predicted	17.8	22.7	27.5	29.9	29.9	30.1	30.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H092	Predicted	17.7	22.6	27.4	29.8	29.8	29.9	29.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H093	Predicted	18.5	23.4	28.2	30.6	30.6	30.7	30.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H094	Predicted	18.2	23.1	27.9	30.3	30.3	30.4	30.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H095	Predicted	17.9	22.8	27.6	30	30	30.1	30.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H096	Predicted	18	22.9	27.7	30.1	30.1	30.2	30.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H097	Predicted	17.8	22.7	27.5	30	30	30.1	30.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H098	Predicted	18.4	23.3	28.1	30.6	30.6	30.7	30.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H099	Predicted	17.8	22.7	27.5	29.9	29.9	30	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H100	Predicted	17.6	22.5	27.3	29.8	29.8	29.9	29.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H101	Predicted	17.7	22.6	27.4	29.9	29.9	30	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Excess	--	--	--	--	--	--	--
H102	Predicted	17.6	22.5	27.3	29.7	29.7	29.8	29.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H103	Predicted	16.6	21.5	26.3	28.7	28.7	28.8	28.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H104	Predicted	16.4	21.3	26.1	28.5	28.5	28.7	28.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H105	Predicted	15.7	20.6	25.4	27.8	27.8	27.9	27.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H106	Predicted	18.1	23	27.8	30.2	30.2	30.3	30.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H107	Predicted	15.6	20.5	25.3	27.8	27.8	27.9	27.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H108	Predicted	18.2	23.1	27.9	30.4	30.4	30.5	30.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H109	Predicted	18	22.9	27.7	30.1	30.1	30.3	30.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H110	Predicted	16.5	21.4	26.2	28.6	28.6	28.8	28.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
H111	Predicted	15.6	20.5	25.3	27.8	27.8	27.9	27.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H112	Predicted	17.7	22.6	27.4	29.9	29.9	30	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H113	Predicted	17.4	22.3	27.1	29.5	29.5	29.7	29.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H114	Predicted	17.4	22.3	27.1	29.5	29.5	29.7	29.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H115	Predicted	16.4	21.3	26.1	28.5	28.5	28.8	28.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H116	Predicted	15.5	20.4	25.2	27.6	27.6	27.7	27.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H117	Predicted	16.2	21.1	25.9	28.3	28.3	28.6	28.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H118	Predicted	17.5	22.4	27.2	29.6	29.6	29.7	29.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H119	Predicted	17.3	22.2	27	29.5	29.5	29.6	29.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H120	Predicted	16.8	21.7	26.5	29	29	29.1	29.1

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H121	Predicted	16.8	21.7	26.5	28.9	28.9	29	29
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H122	Predicted	15.3	20.2	25	27.4	27.4	27.6	27.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H123	Predicted	16.8	21.7	26.5	28.9	28.9	29	29
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H124	Predicted	15.5	20.4	25.2	27.6	27.6	27.7	27.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H125	Predicted	17.7	22.6	27.4	29.9	29.9	30	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H126	Predicted	16.7	21.6	26.4	28.9	28.9	28.9	28.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H127	Predicted	15.7	20.6	25.4	27.8	27.8	27.9	27.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H128	Predicted	17.7	22.6	27.4	29.9	29.9	30	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H129	Predicted	17.8	22.7	27.5	30	30	30.1	30.1
	Daytime Criterion	40	40	40	40	45	45	45.4

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H130	Predicted	16.7	21.6	26.4	28.8	28.8	28.9	28.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H131	Predicted	16.6	21.5	26.3	28.7	28.7	28.8	28.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H132	Predicted	16.3	21.2	26	28.5	28.5	28.6	28.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H133	Predicted	17.7	22.6	27.4	29.8	29.8	29.9	29.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H134	Predicted	15.1	20	24.8	27.2	27.2	27.4	27.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H135	Predicted	16.1	21	25.8	28.2	28.2	28.4	28.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H136	Predicted	17	21.9	26.7	29.1	29.1	29.3	29.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H137	Predicted	16.5	21.4	26.2	28.6	28.6	28.7	28.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H138	Predicted	15.4	20.3	25.1	27.5	27.5	27.6	27.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H139	Predicted	17.3	22.2	27	29.4	29.4	29.5	29.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H140	Predicted	15.1	20	24.8	27.2	27.2	27.3	27.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H141	Predicted	15.5	20.4	25.2	27.6	27.6	27.8	27.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H142	Predicted	17	21.9	26.7	29.1	29.1	29.3	29.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H143	Predicted	15	19.9	24.7	27.1	27.1	27.2	27.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H144	Predicted	17.3	22.2	27	29.5	29.5	29.6	29.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H145	Predicted	15.1	20	24.8	27.2	27.2	27.3	27.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H146	Predicted	17.3	22.2	27	29.5	29.5	29.6	29.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H147	Predicted	16.6	21.5	26.3	28.7	28.7	28.8	28.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Excess	--	--	--	--	--	--	--
H148	Predicted	16.9	21.8	26.6	29	29	29.1	29.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H149	Predicted	16.8	21.7	26.5	28.9	28.9	29.1	29.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H150	Predicted	16.3	21.2	26	28.4	28.4	28.5	28.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H151	Predicted	16.7	21.6	26.4	28.9	28.9	29	29
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H152	Predicted	17.2	22.1	26.9	29.3	29.3	29.5	29.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H153	Predicted	17.5	22.4	27.2	29.6	29.6	29.8	29.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H154	Predicted	17.2	22.1	26.9	29.4	29.4	29.5	29.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H155	Predicted	16.7	21.6	26.4	28.8	28.8	29	29
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H156	Predicted	16.1	21	25.8	28.2	28.2	28.4	28.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
H157	Predicted	17.1	22	26.8	29.2	29.2	29.4	29.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H158	Predicted	16	20.9	25.7	28.1	28.1	28.3	28.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H159	Predicted	17	21.9	26.7	29.1	29.1	29.3	29.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H160	Predicted	16.6	21.5	26.3	28.7	28.7	28.9	28.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H161	Predicted	15.5	20.4	25.2	27.6	27.6	27.9	27.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H162	Predicted	16.6	21.5	26.3	28.7	28.7	28.8	28.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H163	Predicted	17.1	22	26.8	29.3	29.3	29.4	29.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H164	Predicted	16.5	21.4	26.2	28.7	28.7	28.8	28.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H165	Predicted	17.2	22.1	26.9	29.3	29.3	29.5	29.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H166	Predicted	16.5	21.4	26.2	28.6	28.6	28.8	28.8

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H167	Predicted	16.9	21.8	26.6	29	29	29.2	29.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H168	Predicted	16.5	21.4	26.2	28.6	28.6	28.8	28.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H169	Predicted	16.5	21.4	26.2	28.6	28.6	28.7	28.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H170	Predicted	16.5	21.4	26.2	28.6	28.6	28.7	28.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H171	Predicted	16.4	21.3	26.1	28.6	28.6	28.7	28.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H172	Predicted	16.3	21.2	26	28.4	28.4	28.6	28.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H173	Predicted	16.4	21.3	26.1	28.5	28.5	28.7	28.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H174	Predicted	17.2	22.1	26.9	29.4	29.4	29.5	29.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H175	Predicted	16.4	21.3	26.1	28.5	28.5	28.7	28.7
	Daytime Criterion	40	40	40	40	45	45	45.4

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H176	Predicted	16.3	21.2	26	28.5	28.5	28.6	28.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H177	Predicted	16.3	21.2	26	28.4	28.4	28.6	28.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H178	Predicted	16.3	21.2	26	28.4	28.4	28.6	28.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H179	Predicted	16.8	21.7	26.5	28.9	28.9	29.1	29.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H180	Predicted	16.2	21.1	25.9	28.4	28.4	28.5	28.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H181	Predicted	16.1	21	25.8	28.2	28.2	28.4	28.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H182	Predicted	15.2	20.1	24.9	27.3	27.3	27.5	27.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H183	Predicted	16.7	21.6	26.4	28.8	28.8	29	29
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H184	Predicted	16.6	21.5	26.3	28.7	28.7	28.9	28.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H185	Predicted	16.5	21.4	26.2	28.6	28.6	28.8	28.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H186	Predicted	16.5	21.4	26.2	28.6	28.6	28.8	28.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H187	Predicted	15.7	20.6	25.4	27.8	27.8	28	28
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H188	Predicted	16.5	21.4	26.2	28.6	28.6	28.8	28.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H189	Predicted	15.8	20.7	25.5	27.9	27.9	28.1	28.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H190	Predicted	15.6	20.5	25.3	27.7	27.7	27.9	27.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H191	Predicted	16.4	21.3	26.1	28.5	28.5	28.7	28.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H192	Predicted	16.3	21.2	26	28.4	28.4	28.6	28.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H193	Predicted	16.2	21.1	25.9	28.3	28.3	28.5	28.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Excess	--	--	--	--	--	--	--
H194	Predicted	15.7	20.6	25.4	27.8	27.8	28	28
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H195	Predicted	16.3	21.2	26	28.4	28.4	28.6	28.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H196	Predicted	15.6	20.5	25.3	27.7	27.7	27.9	27.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H197	Predicted	15.7	20.6	25.4	27.8	27.8	28	28
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H198	Predicted	15.3	20.2	25	27.4	27.4	27.6	27.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--

APPENDIX B – SCENARIO 3 PREDICTED NOISE LEVELS

House	Parameter	Noise Level, dB LA90 at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
H001	Predicted	24.6	28	32.3	35.8	36.6	36.8	36.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H002	Predicted	25	28.3	32.7	36.1	37	37.1	37.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H003	Predicted	25.4	28.7	33.1	36.5	37.4	37.5	37.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H004	Predicted	25.2	28.6	32.9	36.4	37.2	37.4	37.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H005	Predicted	24.5	27.9	32.2	35.7	36.5	36.7	36.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H006	Predicted	25	28.4	32.7	36.2	37	37.2	37.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H007 (Derelict)	Predicted	32.7	36.1	40.4	43.9	44.8	44.9	44.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	0.4	3.9	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	0.9	1.8	1.9	--
H008	Predicted	24	27.3	31.6	35.1	36	36.1	36.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H009	Predicted	25.2	28.5	32.9	36.3	37.2	37.3	37.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Excess	--	--	--	--	--	--	--
H010	Predicted	25.6	28.9	33.2	36.7	37.6	37.7	37.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H011	Predicted	27.2	30.5	34.9	38.3	39.2	39.3	39.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H012	Predicted	27.4	30.7	35	38.5	39.4	39.5	39.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H013	Predicted	30.2	33.6	37.9	41.4	42.3	42.4	42.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	1.4	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H014	Predicted	29.6	32.9	37.2	40.7	41.6	41.7	41.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.7	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H015	Predicted	26.6	29.9	34.2	37.7	38.6	38.7	38.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H016	Predicted	26.4	29.8	34.1	37.6	38.4	38.6	38.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H017	Predicted	27.9	31.2	35.6	39	39.9	40	40
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H018	Predicted	28.5	31.9	36.2	39.7	40.6	40.7	40.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
H019	Predicted	28.7	32	36.4	39.8	40.7	40.8	40.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H020	Predicted	28.7	32	36.4	39.8	40.7	40.8	40.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H021	Predicted	28.6	32	36.3	39.8	40.6	40.8	40.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H022	Predicted	28.5	31.9	36.2	39.7	40.6	40.7	40.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H023	Predicted	29.1	32.5	36.8	40.3	41.2	41.3	41.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.3	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H024	Predicted	28.8	32.2	36.5	40	40.9	41	41
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H025	Predicted	23.5	26.8	31.1	34.6	35.5	35.6	35.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H026	Predicted	23.2	26.6	30.9	34.4	35.2	35.4	35.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H027	Predicted	27.8	31.1	35.4	38.9	39.8	39.9	39.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H028	Predicted	24.7	28	32.3	35.8	36.7	36.8	36.8

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H029	Predicted	25.7	29	33.3	36.8	37.7	37.8	37.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H030	Predicted	27	30.4	34.7	38.2	39	39.2	39.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H031	Predicted	24.8	28.1	32.5	35.9	36.8	36.9	37
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H032	Predicted	26.5	29.8	34.1	37.6	38.5	38.6	38.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H033	Predicted	23.3	26.6	30.9	34.4	35.2	35.4	35.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H034 (Derelict)	Predicted	32.2	35.6	39.9	43.4	44.2	44.4	44.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	3.4	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	0.4	1.2	1.4	--
H035	Predicted	23.9	27.3	31.6	35.1	35.9	36.1	36.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H036	Predicted	26.2	29.6	33.9	37.4	38.3	38.4	38.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H037	Predicted	26.8	30.2	34.5	38	38.8	39	39
	Daytime Criterion	40	40	40	40	45	45	45.4

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H038	Predicted	28.5	31.8	36.2	39.6	40.5	40.6	40.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H039 (Comm er-cial)	Predicted	29.4	32.7	37.1	40.5	41.4	41.5	41.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.5	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H040 (Comm er-cial)	Predicted	31.4	34.8	39.1	42.6	43.5	43.6	43.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	2.6	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	0.5	0.6	--
H041 (Comm er-cial)	Predicted	35.5	38.8	43.1	46.6	47.5	47.6	47.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	3.1	6.6	2.5	2.6	2.2
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	0.1	3.6	4.5	4.6	2.1
H042	Predicted	28.7	32	36.4	39.9	40.7	40.9	40.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H043 (Derelic t)	Predicted	29.1	32.4	36.8	40.3	41.1	41.3	41.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	0.3	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H044	Predicted	24.6	27.9	32.2	35.7	36.6	36.7	36.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H045	Predicted	23.5	26.8	31.1	34.6	35.5	35.6	35.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H046	Predicted	26.3	29.6	33.9	37.4	38.3	38.4	38.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H047	Predicted	23.9	27.2	31.5	35	35.9	36	36
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H048	Predicted	23.5	26.8	31.1	34.6	35.5	35.6	35.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H049	Predicted	25.7	29.1	33.4	36.9	37.7	37.9	37.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H050	Predicted	22.9	26.2	30.5	34	34.9	35	35.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H051	Predicted	21.9	25.3	29.6	33.1	33.9	34.1	34.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H052	Predicted	20.7	24	28.3	31.8	32.6	32.8	32.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H053	Predicted	22.6	26	30.3	33.8	34.6	34.8	34.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H054	Predicted	23.6	26.9	31.2	34.7	35.5	35.7	35.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H055	Predicted	22.4	25.7	30.1	33.5	34.4	34.6	34.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Excess	--	--	--	--	--	--	--
H056	Predicted	22.1	25.4	29.8	33.2	34.1	34.2	34.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H057	Predicted	21.5	24.8	29.1	32.6	33.5	33.6	33.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H058	Predicted	19.9	23.3	27.6	31.1	31.9	32.1	32.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H059	Predicted	21.4	24.7	29	32.5	33.3	33.5	33.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H060	Predicted	22	25.4	29.7	33.2	34	34.2	34.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H061	Predicted	21.8	25.1	29.4	32.9	33.8	33.9	34
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H062	Predicted	21.3	24.6	29	32.4	33.3	33.4	33.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H063	Predicted	21.1	24.5	28.8	32.3	33.1	33.3	33.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H064	Predicted	21.3	24.6	28.9	32.4	33.3	33.4	33.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
H065	Predicted	21.2	24.6	28.9	32.4	33.2	33.4	33.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H066	Predicted	21.4	24.7	29	32.5	33.4	33.5	33.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H067	Predicted	19.4	22.7	27	30.5	31.3	31.5	31.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H068	Predicted	21.9	25.2	29.5	33	33.9	34	34.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H069	Predicted	20.9	24.3	28.6	32.1	32.9	33.1	33.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H070	Predicted	20.7	24	28.3	31.8	32.7	32.8	32.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H071	Predicted	20.4	23.8	28.1	31.6	32.4	32.6	32.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H072	Predicted	20.3	23.6	27.9	31.4	32.2	32.4	32.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H073	Predicted	20.5	23.8	28.1	31.6	32.4	32.6	32.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H074	Predicted	19.8	23.1	27.4	30.9	31.7	31.9	32

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H075	Predicted	20.3	23.6	27.9	31.4	32.3	32.4	32.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H076	Predicted	20	23.4	27.7	31.2	32	32.2	32.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H077	Predicted	19.8	23.2	27.5	31	31.8	32	32
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H078	Predicted	19.7	23	27.3	30.8	31.6	31.8	31.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H079	Predicted	19.8	23.2	27.5	31	31.8	32	32
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H080	Predicted	19.5	22.9	27.2	30.7	31.5	31.7	31.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H081	Predicted	19.6	23	27.3	30.7	31.6	31.7	31.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H082	Predicted	19.2	22.5	26.8	30.3	31.1	31.3	31.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H083	Predicted	19.4	22.8	27.1	30.5	31.4	31.6	31.6
	Daytime Criterion	40	40	40	40	45	45	45.4

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H084	Predicted	19.6	22.9	27.2	30.7	31.5	31.7	31.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H085	Predicted	19	22.3	26.7	30.1	31	31.1	31.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H086	Predicted	17.1	20.4	24.7	28.2	29	29.2	29.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H087	Predicted	19.5	22.8	27.1	30.6	31.4	31.6	31.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H088	Predicted	17.6	20.9	25.2	28.7	29.5	29.7	29.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H089	Predicted	19.3	22.7	27	30.5	31.3	31.5	31.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H090	Predicted	19.3	22.7	27	30.4	31.3	31.5	31.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H091	Predicted	19.1	22.4	26.7	30.2	31.1	31.2	31.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H092	Predicted	19	22.3	26.6	30.1	30.9	31.1	31.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H093	Predicted	19.7	23.1	27.4	30.9	31.7	31.9	31.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H094	Predicted	19.5	22.8	27.1	30.6	31.4	31.6	31.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H095	Predicted	19.2	22.5	26.8	30.3	31.1	31.3	31.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H096	Predicted	19.3	22.6	26.9	30.4	31.2	31.4	31.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H097	Predicted	19.1	22.5	26.8	30.2	31.1	31.3	31.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H098	Predicted	19.7	23	27.3	30.8	31.7	31.8	31.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H099	Predicted	19.2	22.5	26.8	30.3	31.1	31.3	31.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H100	Predicted	18.9	22.3	26.6	30	30.9	31.1	31.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H101	Predicted	19	22.3	26.7	30.1	31	31.1	31.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Excess	--	--	--	--	--	--	--
H102	Predicted	18.9	22.2	26.5	30	30.8	31	31.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H103	Predicted	17.9	21.2	25.5	29	29.9	30	30.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H104	Predicted	17.7	21	25.3	28.8	29.7	29.8	29.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H105	Predicted	16.9	20.2	24.5	28	28.8	29	29.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H106	Predicted	19.4	22.7	27	30.5	31.3	31.5	31.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H107	Predicted	16.9	20.2	24.5	28	28.8	29	29.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H108	Predicted	19.5	22.9	27.2	30.6	31.5	31.7	31.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H109	Predicted	19.3	22.6	26.9	30.4	31.3	31.4	31.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H110	Predicted	17.8	21.1	25.4	28.9	29.7	29.9	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
H111	Predicted	16.9	20.3	24.6	28.1	28.9	29.1	29.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H112	Predicted	19	22.4	26.7	30.1	31	31.2	31.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H113	Predicted	18.7	22	26.4	29.8	30.7	30.8	30.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H114	Predicted	18.7	22	26.3	29.8	30.7	30.8	30.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H115	Predicted	17.7	21.1	25.4	28.8	29.7	29.8	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H116	Predicted	16.8	20.1	24.4	27.9	28.7	28.9	29
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H117	Predicted	17.6	20.9	25.2	28.7	29.5	29.7	29.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H118	Predicted	18.8	22.1	26.4	29.9	30.7	30.9	31
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H119	Predicted	18.6	22	26.3	29.7	30.6	30.8	30.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H120	Predicted	18.1	21.4	25.8	29.2	30.1	30.2	30.3

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H121	Predicted	18.1	21.4	25.7	29.2	30	30.2	30.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H122	Predicted	16.6	19.9	24.3	27.7	28.6	28.7	28.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H123	Predicted	18	21.4	25.7	29.2	30	30.2	30.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H124	Predicted	16.7	20	24.3	27.8	28.6	28.8	28.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H125	Predicted	19	22.4	26.7	30.2	31	31.2	31.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H126	Predicted	18	21.3	25.6	29.1	30	30.1	30.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H127	Predicted	17.1	20.5	24.8	28.2	29.1	29.3	29.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H128	Predicted	19	22.4	26.7	30.1	31	31.1	31.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H129	Predicted	19.1	22.4	26.8	30.2	31.1	31.2	31.3
	Daytime Criterion	40	40	40	40	45	45	45.4

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H130	Predicted	18	21.3	25.6	29.1	30	30.1	30.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H131	Predicted	17.9	21.2	25.5	29	29.8	30	30.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H132	Predicted	17.8	21.2	25.5	29	29.8	30	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H133	Predicted	19	22.3	26.6	30.1	30.9	31.1	31.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H134	Predicted	16.4	19.7	24	27.5	28.3	28.5	28.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H135	Predicted	17.4	20.8	25.1	28.5	29.4	29.6	29.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H136	Predicted	18.3	21.6	25.9	29.4	30.3	30.4	30.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H137	Predicted	17.8	21.1	25.4	28.9	29.7	29.9	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H138	Predicted	17.5	20.8	25.2	28.6	29.5	29.6	29.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H139	Predicted	18.6	21.9	26.2	29.7	30.5	30.7	30.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H140	Predicted	16.3	19.6	23.9	27.4	28.2	28.4	28.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H141	Predicted	16.8	20.2	24.5	28	28.8	29	29.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H142	Predicted	18.3	21.7	26	29.4	30.3	30.5	30.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H143	Predicted	16.3	19.6	23.9	27.4	28.2	28.4	28.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H144	Predicted	18.6	22	26.3	29.8	30.6	30.8	30.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H145	Predicted	16.4	19.7	24	27.5	28.4	28.5	28.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H146	Predicted	18.7	22	26.3	29.8	30.6	30.8	30.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H147	Predicted	17.9	21.2	25.5	29	29.8	30	30.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Excess	--	--	--	--	--	--	--
H148	Predicted	18.2	21.5	25.8	29.3	30.1	30.3	30.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H149	Predicted	18.1	21.4	25.8	29.2	30.1	30.2	30.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H150	Predicted	17.6	20.9	25.2	28.7	29.5	29.7	29.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H151	Predicted	18.1	21.4	25.7	29.2	30	30.2	30.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H152	Predicted	18.5	21.9	26.2	29.6	30.5	30.7	30.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H153	Predicted	18.8	22.1	26.5	29.9	30.8	30.9	31
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H154	Predicted	18.6	21.9	26.2	29.7	30.5	30.7	30.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H155	Predicted	18	21.3	25.6	29.1	30	30.1	30.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H156	Predicted	17.4	20.7	25.1	28.5	29.4	29.5	29.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
H157	Predicted	18.4	21.7	26.1	29.5	30.4	30.5	30.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H158	Predicted	17.4	20.7	25	28.5	29.3	29.5	29.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H159	Predicted	18.3	21.6	25.9	29.4	30.3	30.4	30.5
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H160	Predicted	17.9	21.2	25.5	29	29.8	30	30.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H161	Predicted	16.9	20.2	24.5	28	28.8	29	29.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H162	Predicted	17.9	21.2	25.5	29	29.8	30	30.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H163	Predicted	18.4	21.8	26.1	29.6	30.4	30.6	30.6
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H164	Predicted	17.9	21.2	25.5	29	29.8	30	30.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H165	Predicted	18.5	21.9	26.2	29.6	30.5	30.6	30.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H166	Predicted	17.8	21.1	25.4	28.9	29.7	29.9	30

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H167	Predicted	18.2	21.5	25.8	29.3	30.1	30.3	30.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H168	Predicted	17.8	21.1	25.4	28.9	29.7	29.9	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H169	Predicted	17.8	21.1	25.4	28.9	29.7	29.9	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H170	Predicted	17.8	21.1	25.4	28.9	29.7	29.9	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H171	Predicted	17.8	21.1	25.4	28.9	29.7	29.9	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H172	Predicted	17.7	21.1	25.4	28.9	29.7	29.9	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H173	Predicted	17.7	21.1	25.4	28.8	29.7	29.8	29.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H174	Predicted	18.6	21.9	26.2	29.7	30.5	30.7	30.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H175	Predicted	17.7	21	25.3	28.8	29.6	29.8	29.9
	Daytime Criterion	40	40	40	40	45	45	45.4

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H176	Predicted	17.7	21	25.3	28.8	29.6	29.8	29.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H177	Predicted	17.7	21	25.3	28.8	29.6	29.8	29.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H178	Predicted	17.7	21	25.3	28.8	29.6	29.8	29.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H179	Predicted	18.1	21.4	25.7	29.2	30	30.2	30.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H180	Predicted	17.6	20.9	25.2	28.7	29.5	29.7	29.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H181	Predicted	17.6	20.9	25.2	28.7	29.5	29.7	29.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H182	Predicted	16.5	19.8	24.1	27.6	28.5	28.6	28.7
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H183	Predicted	18	21.4	25.7	29.2	30	30.2	30.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H184	Predicted	17.9	21.2	25.5	29	29.9	30	30.1
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H185	Predicted	17.8	21.2	25.5	29	29.8	30	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H186	Predicted	17.8	21.1	25.5	28.9	29.8	29.9	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H187	Predicted	17.1	20.4	24.7	28.2	29	29.2	29.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H188	Predicted	17.8	21.1	25.4	28.9	29.8	29.9	30
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H189	Predicted	17.2	20.5	24.9	28.3	29.2	29.3	29.4
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H190	Predicted	16.9	20.3	24.6	28.1	28.9	29.1	29.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H191	Predicted	17.7	21.1	25.4	28.8	29.7	29.9	29.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H192	Predicted	17.6	20.9	25.2	28.7	29.5	29.7	29.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H193	Predicted	17.6	20.9	25.2	28.7	29.5	29.7	29.8
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5

House	Parameter	Noise Level, dB L _{A90} at Standardised Wind Speed, m/s						
		3.0	4.0	5.0	6.0	7.0	8.0	9.0
	Night-time Excess	--	--	--	--	--	--	--
H194	Predicted	17	20.3	24.7	28.1	29	29.1	29.2
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H195	Predicted	17.7	21	25.3	28.8	29.6	29.8	29.9
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H196	Predicted	17.1	20.4	24.7	28.2	29	29.2	29.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H197	Predicted	17.1	20.4	24.7	28.2	29	29.2	29.3
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--
H198	Predicted	16.7	20.1	24.4	27.8	28.7	28.9	29
	Daytime Criterion	40	40	40	40	45	45	45.4
	Daytime Excess	--	--	--	--	--	--	--
	Night-time Criterion	43	43	43	43	43	43	45.5
	Night-time Excess	--	--	--	--	--	--	--