



UPPER OGMORE WIND FARM

FIGURE 10.1

PREDICTED NOISE FOOTPRINT FOR PROPOSED UPPER OGMORE WIND FARM

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- ⊕ RECEIVER LOCATION
- ⊕ RES SURVEY LOCATION
- ⊕ EXISTING SURVEY LOCATION
- ⊕ TURBINE LOCATION

PREDICTED NOISE LEVEL

- > 35 dB (A)
- > 40 dB (A)
- > 45 dB (A)
- > 50 dB (A)
- > 55 dB (A)

Grid intervals at 1 km.

The LA90, 10min descriptor has been used.

The noise footprint has been calculated at a wind speed of 8m/s at 10m height using the ISO 9613-2 propagation model with all barrier attenuation (i.e. shielding by hills) removed. The figure may therefore show slightly more conservative results than those numerically calculated and presented in the acoustic chapter and should be considered illustrative only.

Red receiver icons indicate RES background noise measurements made at those locations.

Blue receiver icons indicate existing background noise measurements made at those locations.



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SCALE - 1:30,000 @ A3

**ENVIRONMENTAL
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