

Nuisance vs Compliance

Acousticians Talk a Different Language

People hear “real” wind farm noise.

This is the noise that wakes them up at night.
This is not what they say people hear.

When a wind farm acousticians talk noise, they talk calculations. The noise that they record on paper is not the real noise people hear. They twist the real noise with statistical calculations and produce a fictitious level that has nothing to do with the noise people hear.

Turbine noise is NOT constant like a fridge.

Acousticians say the maximum limit is 40dB - this is dishonest.

They say it sounds like a fridge -this is deceptive.

40dB in wind farm acoustic language doesn't exist as a real noise. It is a statistical calculation derived from hundreds of spikes of high noise levels washed up to show, on paper, a single constant noise level of 40dB.

Wind farm noise is not constant like a fridge. The wind farm noise people hear is intermittent, loud and annoying.

The information they give people is misleading.

The noise levels on maps and graphs are not real dB levels. It is not the real noise people hear.



When Acousticians talk 40dB, they mean something else – 40dB in acoustic language means a mathematical calculation washed up to show 40dB.

They tell people 40dB is what they hear, but in reality, what people hear is the high spikes of noise that make up an acoustician's calculation of 40dB.

Noise contours on a map are deceptive.

The fine print on this map states the contour levels are predicted dB LA90 values.

Monitoring locations and predicted noise level contours (dB LA90)

The contours are not straight dB levels, they are LA90 calculations, full of high spikes of noise.

They use the same words but talk a different language.

A 40dB level in wind farm language infers 40dB, but in reality, it means a whole lot of noise calculations. These twisted calculations contain the nuisance noise.

Right from the get-go people are misled.

Firstly, neighbours will be shown a noise prediction map.

The map is deliberately designed not to alarm people.

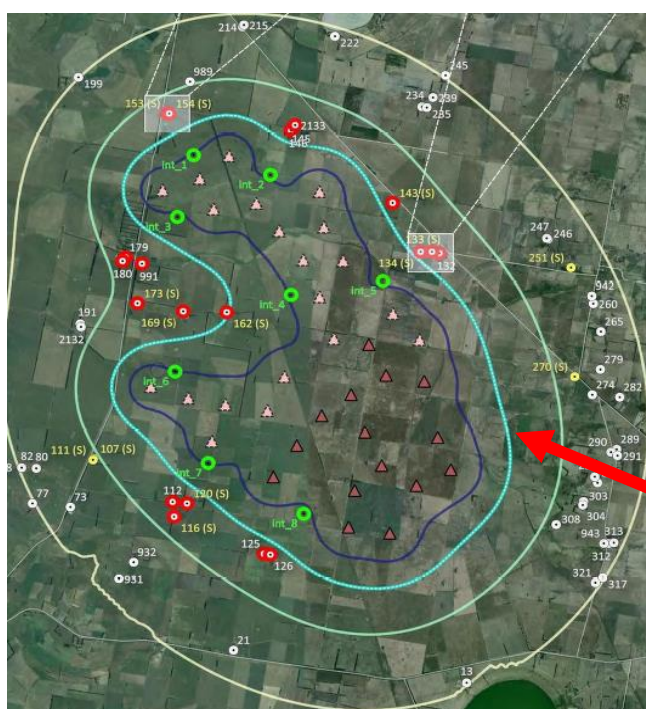
The contours on the map are listed as dB levels.

Wind farm acousticians say the contour lines represent the noise limit.

People think this is the maximum noise level they will hear, when in fact, the contour level is the lowest noise they will hear. Most of the time they will hear high spikes of loud noise above that level.

The real meaning of 40dB in wind farm language means neighbours will experience noise nuisance, and the nuisance will be ongoing day and night.

Beware of wind farm maps – they are deceptive...



40dB on a wind farm map is not a real noise level.

40dB on a wind farm map is a calculated statistic full of high spikes of noise nuisance.

A 40dB contour means 40dB is the lowest noise neighbours can expect to hear.

This wind farm is now built, and the neighbours are experiencing nuisance.

The company reports that:

Complaints Summary

- We are still progressing the previous noise complaints from two local residents at the same household as per our June and September update (our acoustician having since visited the residence at the end of June). A further complaint related to noise has been registered by a near neighbour.

They didn't tell the neighbours the contours lines represent the quietest noise they would hear.

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Figure 1: Monitoring locations and predicted noise level contours (dB L_{eq})

