

## Lesson 12: Don't Trust a Wind Farm's Acoustician.

**Without your own independent background testing, you are a lamb to the slaughter.**

The wind farm will use your background data against you.

They will draw up a scatter graph to show your quiet rural home is as busy as Bourke St. at peak hour.

They pay big money to a select group of acousticians to manipulate the data and fabricate the results.

**You will be treated like trash – You need to Protect Your Family from Corruption.**

Don't be sucked in by their smooth-talking ways.

They are out to slaughter you and your family with their lies and their false graphs.

You are at war. Undertaking independent background testing by an ethical acoustician, and engaging an experienced and competent lawyer is your only defence.

**Marshall Day Acoustics (MDA) says.. *give us a Permit now, and will worry about noise compliance later..***

**7.8** It is however recommended that background noise monitoring be undertaken prior to construction of the wind farm to derive background noise dependent noise limits that would ultimately be used for a post-construction noise compliance assessment.

**An unconscionable request – to undertake background testing after the permit is issued.**

- Once the trucks start rolling in – like Bald Hills.
- With no permit oversight, so anything goes.
- With free rein to manipulate the graphs to engineer a high background noise level.
- With no allowance for High Amenity.
- Using paddock loggers for background testing.
- After the usual up-sizing of the turbines – that keep getting bigger.
- Under secondary consent rubber stamping from the Minister's delegate.

**This is bad – you need to protect yourself against their sinister intentions.**

Your only defence against this corruption of the process is to undertake your own background testing with an ethical acoustician (not an acoustician suggested by the wind farm).

**When they knock on your door – be ready for them.**

1. Allow them conditional-ONLY access to your land. (The Judge likes to know you have cooperated).
2. Tell them you will arrange a letter of permission from your lawyer.
3. Nominate a family member for contact purposes. (To protect grandparents from being swindled).

**Under a signed contract the wind farm's acoustician must agree to the following:**

- Conditional upon your independent acoustician undertaking side-by-side wind monitoring. WFL recommends: Les Huson [les@huson.com.au](mailto:les@huson.com.au) or, NMS [info@noisemeasurement.com.au](mailto:info@noisemeasurement.com.au)
  - Contiguous raw noise data (unprocessed data – straight from the noise meter) is to be provided.
  - Contiguous raw wind data (unprocessed data – straight from the anemometer) is to be provided.
  - Wind speed data is to be measured at the same height as the predicted hub height.
  - Local weather data (wind direction and precipitation) - to be provided.
  - Noise and wind data are to be congruent.
  - Audio files (WAV file recordings or fractional octave band data) for listening to identify and confirm potential extraneous noise events - to be provided.
  - Provide all raw data files on a shared link or flash drive – for independent analysis.
- ❖ Most acousticians work for wind farms – so don't agree to any wind farm acoustician referrals.
- ❖ And engage an experienced and competent lawyer.

**If you don't undertake your own background testing you will have nothing to fight them with.**

They manipulate the graphs to artificially raise the background level.

- They delete low ambient noise data.
- They retain high extraneous noise data.

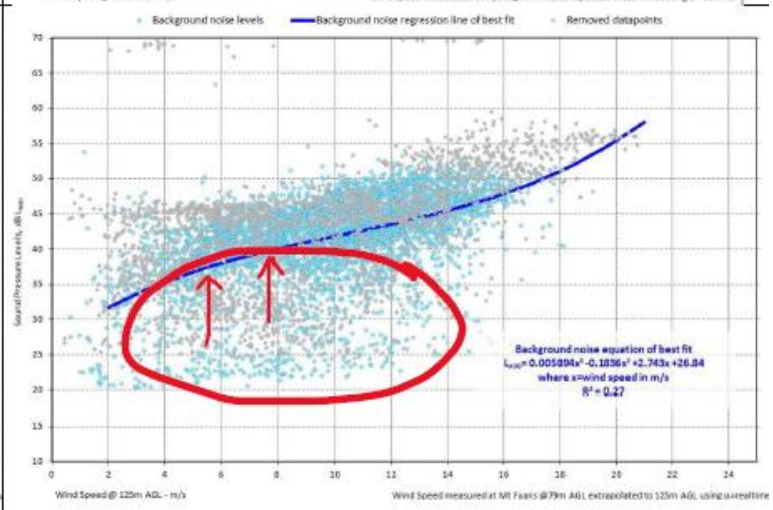
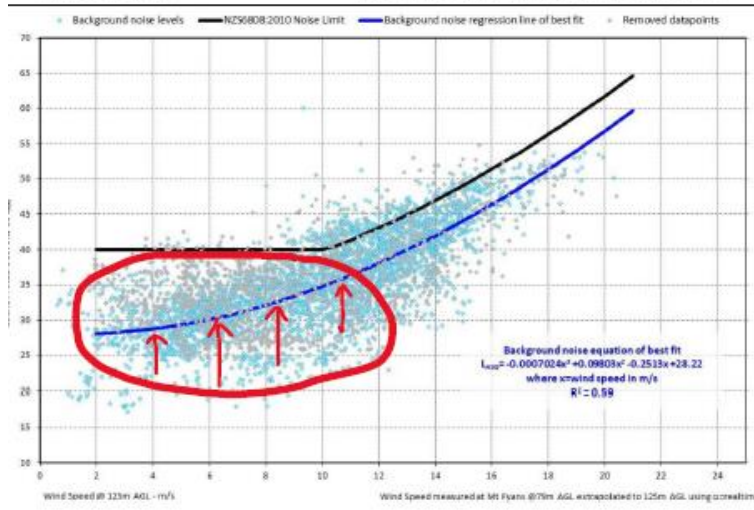
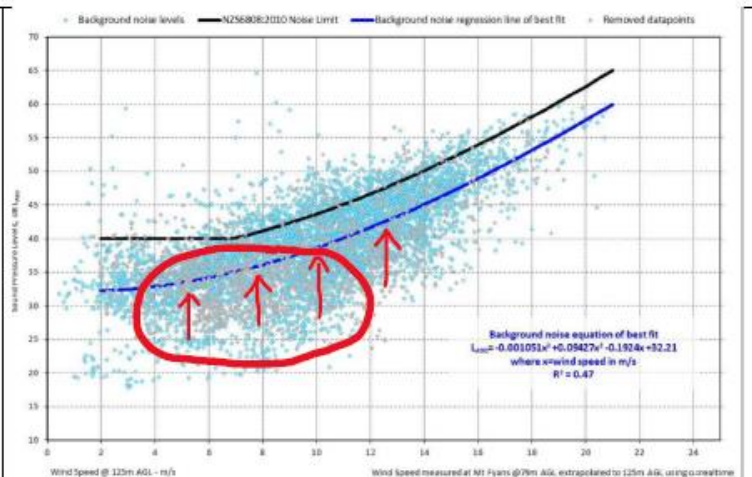
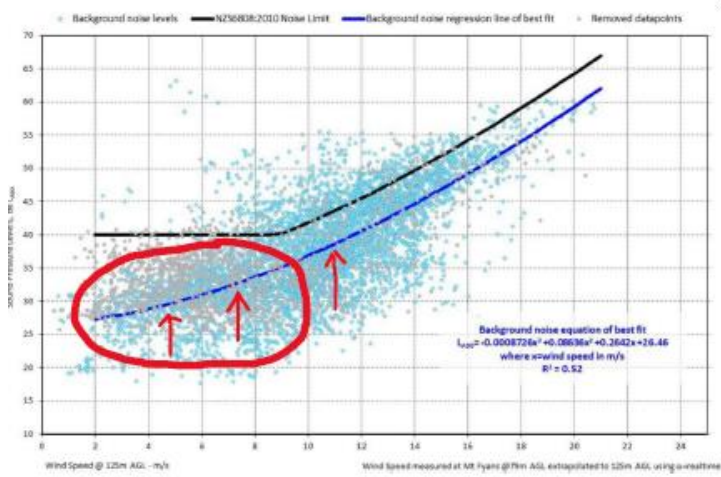
**Removing Low Ambient Noise Data.**

Here's MDA's reasoning for the removal of a substantial amount of low background noise data – *“the measured noise level may have been affected by periods of rain”*.

**... This is total bullshit !!**

- Rain is high extraneous sound, not a low ambient noise level.
- Deleting low data points raises the background trend line on the graphs.
- MDA obviously didn't listen to the audio to analyse the sounds.
- There is no valid reason for removing low ambient noise levels.
- Artificially raising the background trend line on the graph allows the wind farm to emit higher noise and still claim compliance.

The grey data points have been removed – for the unethical reason to increase the background level.



**MDA then backed up the bullshit by retaining high-noise data points.**

The one-third octave method used by MDA was obviously flawed because high extraneous noise was retained.

At a conference in 2013 MDA (Marshall Day Acoustics et al 2013), stated caution must be applied with the use of a one-third octave band method of extraneous noise filtering.

MDA stated a sensitivity analysis, or a before and after analysis, must be undertaken.

Because MDA did not do a sensitivity analysis at Mt Fyans Wind Farm, MDA's noise report cannot be relied upon.

The graphs below show the high extraneous noise retained by MDA's one-third octave method.

**It seems MDA did not take the time to listen to the audio to correctly remove extraneous noise.**

Retaining high data points raises the background trend line on the graph.

Neighbours will be impacted by wind farm noise for the next 50 years, and it seems MDA didn't bother to listen to the audio to remove the extraneous noise.

It seems MDA has put securing a permit for the wind farm before the health of the neighbours. This is typical of the wind industry.

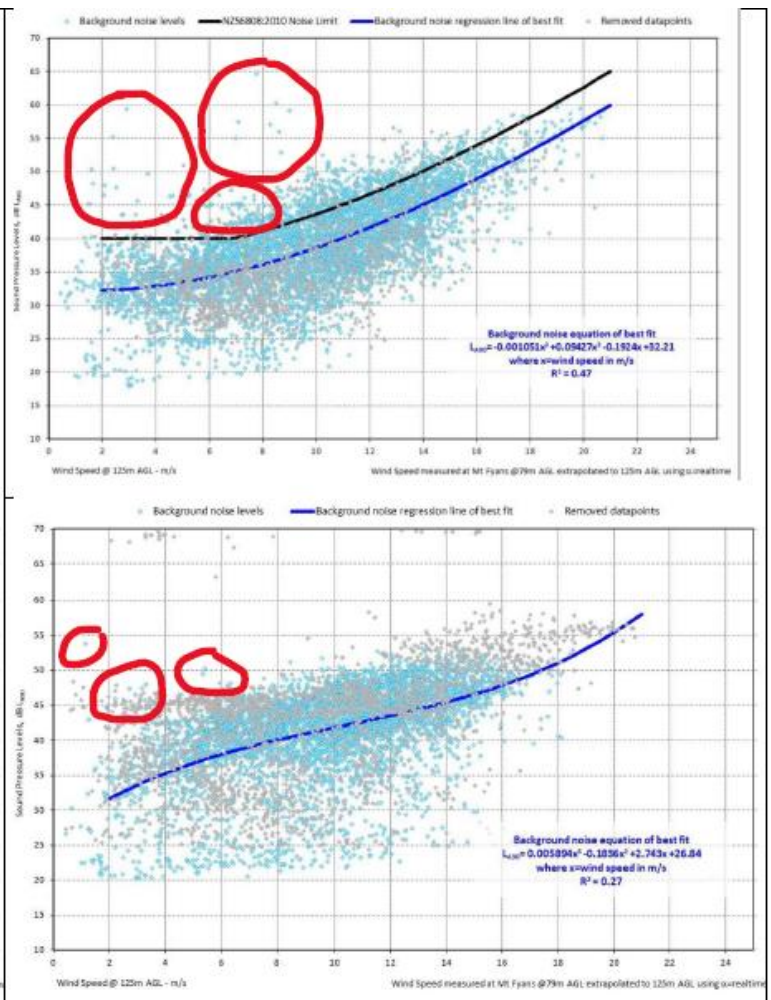
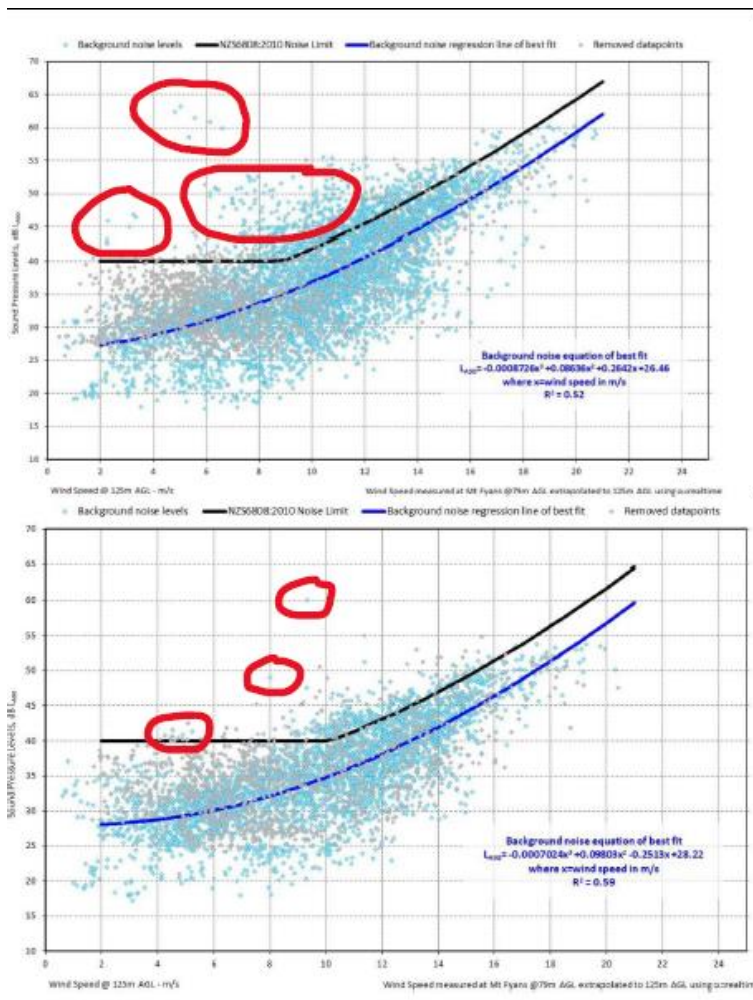
**Neighbours - Beware of wind farm acousticians.**

Engage an ethical acoustician, one who shows you and your family respect by taking the time to listen to the audio to identify and analyse the extraneous noise.

**WFL recommends:**

L Huson & Associates

Mob. 0416 143 716





**It also seems MDA lied at the Mt Fyans Panel Hearing, so one can assume they won't think twice about lying to you.**

MDA was asked to provide "raw data".

MDA claimed raw data was provided, but it was NOT raw data – it was processed information.

MDA provided processed LA90 information.

And then it fudged the information by missing random periods.

Here are some of the random 10-minute time periods missing from a supposed contiguous data set.

MDA came up with some bullshit story about the machine turning off for 30 seconds at midnight for calibration.

But, the missing 10-minute periods (and multiples of) are randomly missing.

**Question:** Did MDA deliberately delete LA90 information at the Planning Panel Hearing to show a higher background level at neighbour's homes?

1	Time	LAF	WS_79m	LAF
6	10/08/2017 15:40	48.4	11.9	48.4
7	10/08/2017 16:00	43.32	12.4	43.32
53	10/08/2017 23:40	38.54	12.8	38.54
54	11/08/2017 0:10	42.69	11.5	42.69
99	11/08/2017 7:40	41.52	14.1	41.52
100	11/08/2017 8:00	44.15	14	44.15
146	11/08/2017 15:40	45.71	12.4	45.71
147	11/08/2017 16:00	39.54	13.4	39.54
193	11/08/2017 23:40	48.26	15.4	48.26
194	12/08/2017 0:10	45.19	14.5	45.19
287	12/08/2017 15:40	30.88	5.5	30.88
288	12/08/2017 16:00	33.43	6.9	33.43

... *And, so on..*

**This is not raw data.**

Even the LA90 (the file was named LA90 not LAF), could not be verified because random 10min periods were missing.

The LA90 periods are not congruent with the wind data.

Eventually, the wind data and the LA90 noise periods are out by a full day.

It seems MDA is so arrogant to assume the Planning Panel would believe the bullshit – simply because the bullshit comes from a wind farm's acoustician.

**Whatever you do, don't trust a wind farm's acoustician !!**