

S10.

Theresa Grima

I would like to thank the PAC for giving me this opportunity to speak today.

I would also like to thank the PAC for insisting CCS conduct a LFN investigation as part of their consent.

My residence was included as part of the LFN investigation that was fulfilled by EMM Acoustics.

CCS was forthcoming with providing us some information regarding the investigation but has declined to provide very important and relevant information which has left the investigation questionable.

How can a satisfactory conclusion be determined from a report void of relevant information?

The report provided to us did not satisfy the requirements of the Australian standards in that there are no diagrams or descriptions of the monitoring locations.

The report did not provide all the results of monitoring, a time table of the operation of fans or the settings of the fans including speed and air flow.

The report did not mention which fan was operating and did not discuss the direction of the wind at the time of fan testing.

The report however does note an increase in noise that EMM could not identify. The wind direction would have helped identify the source of the increased noise.

This relevant information would confirm the fan or fans were run normally and not by passed as to create lower noise emission levels.

On the 5th of May 2016 we received correspondence from CCS that they will not be providing the requested information.

I would like to bring to PACs attention the WHO position on LFN.

The WHO recognises the special place of LFN as an environmental problem.

LFN for example from ventilation systems can disturb rest and sleep even at low levels.

The who also states that it should be noted that a large proportion of Low Frequency components in noise may increase considerably the adverse effects on health.

The evidence of LFN is sufficiently strong to warrant immediate action.

These WHO statements are powerful and irrefutable.

With regards to the EMM investigation The Defra criteria used by EMM to determine disturbance only assess audibility and is of no assistance in determining the impacts of low level LFN or sleep disturbance.

At the PAC meeting on the 3rd of September 2015 I brought to PACs attention a Federal Government document Airborne Contaminants Noise and Vibration. I pointed out page 69 and its statement "it is leading practice to apply additional silencing measures to ventilation fans"

The Federal Government recognises the effects of ventilations fans as an environmental noise problem as does the WHO.

May I ask the PAC to keep in mind when seeking advice from the EPA regarding LFN , the EPA measures noise with A Weighting which underestimates the effects of LFN and ignores infrasound, leading to incorrect decisions by regulatory authorities.

I would like to ask the PAC

How did the PAC determine the investigation was conducted properly?

Did the PAC receive and review the report?

What were the PAC recommendations?

I ask the PAC as part of the CCS modification to increase production they be required to mitigate the LFN from the ventilation site.

Thankyou