

**From:** [Jeff Parnell](#)  
**To:** [Clay Preshaw](#)  
**Cc:** [Rose-Anne Hawkeswood](#)  
**Subject:** RE: Sunrise MOD 4 - conditions  
**Date:** Tuesday, 20 November 2018 3:12:24 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)

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Clay and Rose-Anne,

There are a couple of aspects here that are worth considering.

**Is the data valid?**

The INP was designed for projects such as Port Botany development for which the meteorology was complex and there were ample Met stations. The new NPfl considered the validity of the 30 km radius recommendation (and remember it is just a recommendation) and suggested judicious site specific consideration with:

*“However, cloud cover is generally not subject to such strong spatial variations and, consequently, data from a station some distance away may be acceptable. Whether or not data apply to a particular site needs to be critically assessed. For cloud cover, distance from the coast and ground elevation will have an important bearing on the cloudiness. In general, data collected from weather-monitoring stations are considered relevant for a radius of 30 kilometres from the station, provided the surrounding area is in the same topographical basin as the station.”*

As stated in the NIA, the land in the study area is uncomplicated and there is no reason to suspect the data from Condobolin airport would not be representative.

**Would more localised met data change anything?**

No. The met data used in conjunction with the collection of background data is only to exclude high levels of extraneous noise (wind, rain etc) from influencing the RBL's.

In this case, except for L7 – Flemington the default lowest levels in the INP have been adopted ie no lower levels can be set. Moreover, if NPfl levels were adopted the lowest default levels would be increased.

In regards to modelling, the prediction have assumed reasonable adverse worst case scenario's so again, more meteorological data would not change the predictions.

**Summary**

I am comfortable that the data used to underpin the NIA for the project is satisfactory for the establishment of noise objectives for the project. Furthermore, I believe that the predictions represent a reasonable worst case scenario that can be adequately complied with.

Notwithstanding this, the Dept has Conditions and a process to ensure satisfactory noise performance of the project.

Hope this provides enough of a response at this time. I will be back in the office on Monday to discuss further if required.

Regards  
Jeff

**Jeff Parnell**  
*Noise Specialist*  
NSW Department of Planning and Environment

[REDACTED]

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**From:** Alana Jelfs

**Sent:** Tuesday, 13 November 2018 4:29 PM

**To:** Clay Preshaw [REDACTED]

**Cc:** David Koppers <David.Koppers@ipcn.nsw.gov.au>; Rose-Anne Hawkeswood [REDACTED]  
[REDACTED]

**Subject:** Sunrise MOD 4 - conditions

Hi Clay

I understand you have spoken to David Koppers regarding the Sunrise conditions, in particular the application of the *Voluntary Land Acquisition and Mitigation Policy* (VLAMP) and potential inclusion of a noise meteorological monitoring condition.

The proponent's assessment states:

*"For this assessment, the more detailed approach using site-specific meteorological parameters was conducted. Weather data, provided by Ramboll Environ, was taken from the Condobolin Airport Automatic Weather Station for the year 2015.*

*While this weather station is outside the radius provided in the INP (approximately 40 km southwest of the Project), this is the closest Bureau of Meteorology weather station to the Project. Given the relatively uncomplicated regional terrain, this weather station would be considered to be in the same topographical basin, and suitable for determining prevailing weather conditions for modelling purposes".*

The NSW Industrial Noise Policy (INP) states: *"Existing weather data may be used, provided the subject area is within a radius of 30 km of the collection point and in the same topographical basin".*

Given that the proponent's noise assessment is not consistent with the INP and the predicted operational noise exceedance, could the Department please provide a view to the Commission in relation to this.

Thanks

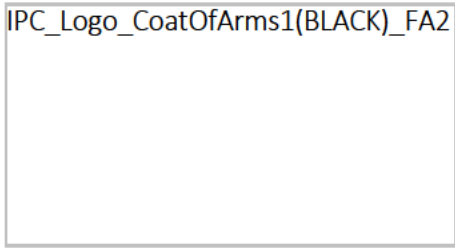
Alana

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