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From: cf Sutherland [REDACTED]
Sent: Friday, 26 March 2021 11:22 AM
To: Fingerboards Inquiry and Advisory Committee (DELWP)
Subject: No 698. Supplementary Submission - Centrifuges.

EXTERNAL SENDER: Links and attachments may be unsafe.

Dear Inquiry and Advisory Committee Members,

Now that centrifuges have been introduced as an operational option by Kalbar, we wish to add to our original submission, noting excessive water demands of the mine, the risk posed to other water users due to flocculants entering the river system, the increase in noise level, the generation of fine dust and the high increase in power consumption.

Kalbar's widely varying estimates, including the initial mistake regarding water recovery, gives no confidence in their ability to understand or manage water demands and usage, especially within this fragile water system. Once damage has been done it may never be recovered.

The water from the centrifuges will contain fine particulate matter, which if allowed to dry out will produce a dust and generate a health hazard to anyone inhaling it. We work our property within 2 kilometres of the North East edge of the proposed site.

We are concerned about the toxic effects of the flocculants on our crops, stock and personal health. The flocculants will find their way into the river. We access water downstream from the proposed mine site for stock and domestic use. What are the proposed flocculants and have they been approved for human consumption?

We are also concerned that the centrifuges will not produce any significant water saving. Kalbar's water sourcing and use, remains one of our main concerns about this project. Water for farm use is limited and regulated.

The power in this area is already unreliable. Such large machinery will require a significant power supply. Outages will greatly affect many businesses in this area.

Our final concern relates to the noise pollution generated by these machines. As no information has been provided indicating the level of a fully operational machine, our only assumption is that machines of this type must produce a high volume of noise. How will Kalbar be addressing this issue and will these machines be used during the night?

Yours sincerely,

Craig and Fiona Sutherland