

7 March 2021

Dear Amy,

Re: Comments on Submissions Summaries in TD 54, 78 and 79

Like several other submitters, I wish to report omissions in Kalbar's responses to issues raised in my submission (335):

1. Regarding TD 54: Please add Submission 335 to
 - Water supply:
 - No 3 (p26/50) Impact on other water users;
 - No 4 (p26/50) Concern the project will specifically impact groundwater for agricultural use.
 - Air Quality (2.7)
 - No 1 impacts on horticulture
 - Greenhouse Gas Emissions - contravenes State policy to reduce emissions
 - Noise – impacts on calving and lambing and landowners' amenity
 - Radiation/heavy metals
 - Concern about radioactive pollution of waterways
 - Horticulture
 - Concern that the Project will affect food production within the horticultural area
 - Cultural Heritage
 - Potential implications of the Project for the Den of Nargun.
 - Concern the historical significance and heritage of the Fingerboards area and intersection will be lost
 - Dissatisfaction with the mitigation measures proposed to protect cultural heritage
 - Socioeconomic
 - Perceived economic benefits of the Project will not outweigh the losses and impacts
 - The Project will put extra strain on community services, in particular health services,
 - Concerns that profits from the mine will not be retained locally
 - Concern that the mine will destroy community connections and social fabric of the community
 - Surrounding real estate prices will fall dramatically as a result of the Project, as it will become undesirable to prospective buyers
 - Claims there are other deposits around the world that could meet global demand for the products to be mined.
 - Human health
 - Concern that the project (including the EES process thus far) could cause long term health effects; mental health issues and general impacts on health and wellbeing
 - Concern about potential contamination of crops
 - Concern regarding potential contamination of water supply that is used for human consumption
 - Concern about capacity of health care services to address increased health impacts, including health impacts associated with stress..
 - Rehabilitation
 - Concerned that Kalbar has underestimated how many years mine rehabilitation can take.
 - Concern that the rehabilitation bond may not be adequate to cover the cost of rehabilitation
 - Concern about Kalbar's ability to reinstate a productive post-mining soil profile
 - Community engagement
 - Claim the Project has no social licence to proceed.
 - Tailings management
 - Concern about impacts on the Chain of Ponds / Mitchell system (and associated biota)

- EES process
 - Concern about errors, inconsistencies and inaccuracies in the EES,
 - Concern about the size and complexity of the EES

2. Re: TD 78 Jarrah Muller – Water Balance – Response to Submission 335

Mr Muller has failed to respond to the issues raised about water in Submission 335 other than: *“Kalbar plans to discharge polluted water”*.

Please add Submission 335, which raised concerns related to Risks identified in the GSWIA, p252:

- proposed groundwater extraction from the Latrobe Group aquifer, in long-term regional decline (SRW) in decline and, therefore, the potential for areas beyond the mine area to be affected. e.g. the Macallister Irrigation District (MID); stock and domestic water in dryland areas. allocated and under stress, the Latrobe Group shows a long-term regional decline (SRW)
- surface water extraction from the Mitchell River
- engineered and non-engineered structures and tailings disposals and flood events that result in contaminated water overflows and “permanent changes to the natural surface topography”.
- Altered flow regimes (GSWIA, pvii; p12; p14; EES pp 5 and 11).

Reference dot point 1: Mr. Muller confirms my concerns regarding groundwater extraction, p12/65, e.g.:

“During drought, winter fill volumes may not be fully allocated, and there is a possibility the site may not have access to river water. This means that the site may need to rely almost entirely on groundwater in drought conditions, or potentially adjust the rate of mining to adapt to the constrained water supply.”

- Mr. Muller fails to address Kalbar’s claim the mine will “have negligible or no impact” on the Gippsland Lakes.

3. Re TD 79 Groundwater – Middlemiss

List of Responses to Submissions omits my submission (335) which had a whole section devoted to water and groundwater concerns.

5.4.5 Climate Change –general comments regarding climate changes impacts

- please add submission 335 to list.

Thank you for your attention to this matter.

Kind regards

Jane Hildebrant