

**Amendment to Environmental Impact Statement for Lue Lead Mine**  
**(Bowdens Silver Project SSD 5765)**  
**Submission of Objection**

5/8/2021

My name is Melissa Gray, I am a resident of Dubbo. The Macquarie River is a very important part of our community, in fact we would not be here without it. I volunteer my time with Dubbo Rivercare group, restoring and cleaning up the riparian zone around Dubbo. I am also a member of a social paddling group who regularly enjoy the many waterways over valley offers and host visiting paddlers to our region.

I have been made aware of the amendment to the EIS for the Lue Lead mine, and wish to state my objections to the project.

It is concerning that the realignment of the powerline that has triggered the amendment wasn't included in the part 4 application initially. It erodes confidence in the NSW planning process that the EIS that was exhibited last year was deficient.

There hasn't been enough consideration paid to the impacts of moving the powerline. There would likely be many significant implications of moving a huge Transgrid 500kv powerline to biodiversity and cultural heritage, not to mention the eyesore.

The proposed mine would produce a lot more lead than it would silver. It is deceptive to refer to the proposal as a silver mine, not a lead mine.

*"Present day lead pollution is an environmental hazard of global proportions....*

*Globally mines produce large amounts of waste because the ore is only a small fraction of the total volume of the mined material. In the metal industry, production of lead, causes the greatest degradation of the environment."*<sup>1</sup>

The proposed mine is not an environmentally sustainable development. The risks of air and water pollution from this project are not appropriately addressed. Lead can remain in the atmosphere as dust indefinitely.

The tailings dam for this proposed mine is very close to Lawson creek. The risk of it failing in a serious flood would mean serious pollution for the Cudgegong River, which reports into Burrendong dam and the Macquarie River.

The Macquarie Valley experienced extreme water shortages in the summer of 2019/20. We were within months of Burrendong being completely empty and the Macquarie River being cut off, and climate change predictions by the NSW Government that were published in the draft Macquarie Regional Water Strategy show us this situation will get worse. There is no availability for extra water to be used to suppress lead dust, which will increase the risk of air borne pollution.

Regards,

Melissa Gray

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<sup>1</sup> [1]Singh N, Li JH. Environmental Impacts of Lead Ore Mining and Smelting. AMR 2014; 878:338–47. <https://doi.org/10.4028/www.scientific.net/amr.878.338>