

Subject:

PAC Presentation---27th June Gunnedah---Margaret and William Wilmott.

My husband is unable to attend this PAC inquiry as we are in the middle of wheat sowing .This is a crucial time for us. We are 3rd generation farmers on the Liver Pool Plains. Ours family has contributed to the nations wealth and still is,and will still continue for many many generations to come.

Reading through the EIS the words used mostly to address EIS are minimisation and mitigation, this to obsuscate the impact.

The 2 year impact study is inadequate time to understand the complexities of the regions groundwater and the ecology of the region.

The 150m buffer zone of the Upper Namoi alluvial in which Husen Bolt could sprint this in 14.7 and The Gunnedah formation approximately 900m from the southern and Eastern mining site would not have an adequate distance from the blasting activity. These blasts will include 5 blasting a week totalling 7800 over the ROM. This potential impact could cause irreparable changes to Gunnedah high yield aquifers and potentially causing a significant more drawn down, therefore effect a larger area of the catchment. This also have the potential to increase seepage flow in to the mine and increase in salt level beyond their prediction.

The 2000 year equilibrium recovery time for the final void is uncomprehensible to think the timeless impact it will have on the catchment groundwater through seepage and leakage.

The habitat area reserve for the Koala on the western side or the mine site Mt Watermark will be direct in line to the blasting event and mining

activities. The plume from the blast is toxic May cause respiratory illness and disturbance from the mine activities. The impact on koala habitat far beyond the mining activities area be effected. Rde There is significant evidence that Ming has a impact on the weather pattern,causing longer dry condition. The Hunter Valley is experiencing these pheromone. This should be included in the EIS.

Shenhua acknowledge the mine impact on the groundwater and environment.

This was mention in the alternative option,, Option 2 where 3 void was unacceptable it did not meet the contemporary regulatory and community expectation.

Option 3 was rejected as it may result in increase in social and environmental impact with a final void located to the adjacent to the black soil plain.

The alternative 4 was rejected on revenue and production losses, however it acknowledge the noise emission impact in the quietest background period.

The alternative 8 option is the prefer option for Shenhau as there are deeper coal resources present beyond the 30 year limit of the project.

Shenhua Watermark may seek further relevant approval for extraction.

There are 15 approve mine within the catchment region, the cumulative impact from these mine should be included in the EIS.

My son is attending UNS study Ag science to a graduate as an agronomist. He is in his 2nd year with 2 more years to complete.

His future as an agronomist in his home land will depend on your decision.