

Matthew Sprott - Submission Details for PETER LANE (object)

From: "PETER LANE" <pclane@skymesh.com.au>
To: "Matthew Sprott" <matthew.sprott@planning.nsw.gov.au >
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Subject: Submission Details for PETER LANE (object)



Confidentiality Requested: no

Submitted by a Planner: no

Disclosable Political Donation: no

Name: PETER LANE
 Email: pclane@skymesh.com.au

Address:
 14 Wyndham Arms Row

Castlerock, NSW
 2333

Content:
 We wanted to bring to the attention of the Department the significant impacts that this development has on our property. Our property is receiver 155.

Noise:
 Volume 1 Section 8: Table 40 shows 155 in the significantly affected section. We are the closest receiver to the West of this development.
 Table 42: also shows us as being significantly impacted by this development.
 I cannot find any information as to the noise impact of the realignment of the link road in year15. There is mention in Appendix H table 16 of link road construction noise exceedance, but no mention in table 18 "Existing and proposed operational traffic noise, LAeq" This relocation will have a major impact as now it is approx 1km from our residence after realignment it will be approx 200m from our house with traffic traveling at 100kh. Also this road will eventually be a major heavy vehicle bypass fitting in with MSC western roads strategy. There is no reference to 155 in Appendix Q section 7. and 7.1

Dust
 Volume 1 Section 8 Table 31 shows exceedances for 155 but only in year 24. I would have thought that being the closest western receiver approx 500m from the disturbed area and mining coming towards us the impacts from dust and blasting would have been more significant. Especially cumulative impacts from MAC, Mt Pleasant and Mangoola. Left out of Appendix G Table 10-20. What are the cumulative impacts when surrounded by these 3 major developments especially when taking into account our elevation? Surely the impacts from this development and MAC would be far more significant than has been stated.

Groundwater
 Appendix K Section 11.5: Impacts on Groundwater Users: There is only one bore on private land GW073576 which is within the modeled zone of depressurization associated with the project. That is our bore. The drawdown at this bore is predicted to be about 2m. This is quite a vague answer considering it is just outside the Aquifer Interference Policy. To trigger the AIF the drawdown is to be greater than 2m. There is no mention of the impact to discharge rates or water quality. 12:3 states "It is not possible to collect all the data characterizing the whole groundwater system in detail and therefore various assumptions have to be made during development of the groundwater model". Modeling and assumptions are not real scientific evidence of the true impacts of interfering with underground aquifers.

Blasting
 Section 8:4:3 Impact assessment states "BMC blast monitoring results for the period 2007-2011 indicates that a minimum setback distance from non mine owned receptors of 1470m from project blasting would be appropriate to ensure impacts remain below relevant criteria". Our residence will be approx 900m from the proposed pit. Closer than property 156. This is considerably closer than the study's appropriate distance of 1470m and therefore impacts in our opinion would be significant. When you take into account the massive plumes of orange gasses that escape after each blast are full of Nitrates and Sulphates 900m would be unlivable. Appendix G 15:4 acknowledges that the project is

moving west and as it does the blast fume impacts to the west would increase." It would become increasingly more complicated and restrictive to apply only simple blast permissions to prevent impacts in this situation". One would also have to question the modeling for blast fume when there is so much inconsistency between each blast as to how much gas they produce. As stated earlier most blasts in the Valley now have an orange yellow cloud due to cheaper explosive and varying degrees of moisture in the blast hole. But all looks good on paper. Maybe that is why our tank water has a pH5. Used to be 7.2.

Bengalla link road realignment

Appendix H Table 16 shows noise exceedances during construction of the realignment of the link road at 155 but there is no mention of the impacts of moving the road to within 200m of our residence. This will be a major noise and visual impact. Section 12 in the Conclusion mentions the impacts of construction at receivers here but not the ongoing impact of realignment. This link road is also earmarked for use as a heavy vehicle bypass by MSC under their Western Roads Policy. Moving it to within 200m of our house will have major impacts. Especially at change of shift when mines traffic increases substantially.

Visual Impacts

Appendix I Section 7.2 Residences: Western Sector. The visual impacts on residents with views to the project in this sector will continue to be moderate to high. I cannot find any information on the visual impact of the realignment of the link road which would be difficult when only 200m away.

7.7.2 Direct Light Effects: The only locations that will have direct line of sight to night lighting are elevated locations such as Roxburgh road that overviews any screening topography and vegetation. This impact has just increased with the mine now in a direct line of sight after taking out a ridge line. As the mine moves further west we will not have the benefit of screening from trees and ridge line. The overburden mountain is approx 50m higher than what was in the original EIS. Is the height of that going to change?

Property Values. This topic has been bought up with each new mine development and still has not been properly addressed. This is a question for Planning "How is it possible for landowners to get proper valuations supposedly not affected by mining when they are surrounded by mining developments"?

We envisaged up till now of being able to stay here and live out our lives, but this development makes our home unlivable. The impacts will be quite significant.

IP Address: - 180.181.124.87

Submission: Online Submission from PETER LANE (object)

https://majorprojects.affinitylive.com/?action=view_activity&id=77413

Submission for Job: #5170 Bengalla Continuation Project

https://majorprojects.affinitylive.com/?action=view_job&id=5170

Site: #2653 Bengalla Coal Mine; Bengalla Road, Muswellbrook

https://majorprojects.affinitylive.com/?action=view_site&id=2653

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E : pclane@skymesh.com.au