

## Memorandum

To	Erica Dearlove	Page	1
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Subject	Response to Mining Lease Proposal EPA/DMITRE feedback		
From	Darren Jurevicius		
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We note that the EPA has expressed concern over the Hillside mine noise predictions for not including at least one annoying noise character penalty.

From our analysis of the likely noise sources onsite at Hillside and the distance to receptors, we believe that it is not necessary to apply a noise character penalty to the predicted noise levels given that annoying characters are not likely to dominate the overall noise impact of the project. Note that the Noise EPP requires an annoying noise characteristic to be fundamental to the nature and impact of the noise, and is applied during compliance measurement as appropriate.

In consideration of this issue, we understand that Rex plans to proactively minimise the potential for noise characters to occur through appropriate selection of mobile plant as well as operational management utilising the feedback provided by a real-time noise monitoring system. Currently technology will enable the noise monitoring system to incorporate sophisticated alarm trigger points in addition to audio to enable the identification of potential annoying characteristics. Should a potential noise annoyance character in context with an overall noise emission that is also approaching the project noise goals be identified (e.g. through the trigger of an automated alarm), operational adjustments will be investigated and carried out as soon as practicable to mitigate this issue.

We believe the above proactive operational approach negates the requirement to add a noise character penalty to the noise prediction scenarios which is already sufficiently conservative.

Please contact me with any further queries.

Regards,



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