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Kaye Monro, of Scone NSW, made the following submission on the project:

Mangoola Mine - Modification 6 - Extraction Rate Increase



Objects to this project

I would like to make a submission against Mangoola Mine expansion and request to join the Hunter salinity trading scheme: Application number 06_0014 MOD6 .

* Hunter Salinity Trading Scheme : When Xstrata purchased Mangoola (Then Anvil Hill) it did so KNOWING that there was no access to the Hunter Salinity trading scheme .The reason there was no access to the scheme then (the same reason that Ulan mine cannot join the scheme) is explained by the Department of planning: In the Upper Hunter, due to the "limited catchment and relatively short length of the rivers above the gauging stations ...a flow event in the river would pass the mine discharge point before it could be classified as a 'high flow' event ,because the flow volume at Singleton could not be predicted." (Coal Mining Potential in the Upper Hunter Valley-Strategic Assessment.Dec.2009 . NSW DOP.). The river hasn't changed in length since then.

Xstrata should not be permitted to join the scheme .Indeed it was presumptuous for Xstrata to place an exit pipe on the Hunter River bank (to enable their intake pipe to become an exit pipe) .Perhaps they thought the rules would be changed just for them?

* Dirty Mine water: The current EPL and the modification approval do not permit the release of saline water from the site .The Mangoola Coal Annual Environment Management Report for 2012 clearly shows saline water is seeping from the site ,both ground water and surface water as some monitoring sites have high Ec. Clearly what Xstrata is doing is not working well . The pit water dam exceeds trigger values for Ec,Na⁺,Cl⁻,tot N,Zn,Fe & TDS yet this is designed to overflow into Anvil Creek !.Xstrata don't mention what they use in the CHPP to wash coal. Usually : "several chemicals such as magnetite ,methyl iso-butyl carbinoI(MIBC),diesel and flocculants are added to the water to aid various aspects of the process." (Waste Streams in Black Coal mining and Coal-Fired Power Generation. Research report 42.S J Day.,K W Riley ,CSIRO) .If they use these chemicals I did not see them mentioned (I could have missed them),or perhaps they use plain water to wash their coal? I doubt that. Clearly coal mining produces large amounts of toxic water waste. They should be made to store it in lined dams to prevent it leaching into aquifers as is happening at Mangoola .As a resident of NSW I have to pay to have my waste removed. Let Xstrata (and the other coal mines) PAY to have their toxic water removed & treated, or, install their own water treatment plants. I'm sick of them using our waterways as a dump.

* Green House Gasses : I cannot see how the Environment nor the Planning departments can permit any project with such huge GHG emissions ,given the climate records recently exceeded ,and the warnings from peak climate bodies. I object strongly to this extension further adding to the problem. Xstrata fail to explain that fugitive methane emissions increase in amounts with increasing depth. They failed to

explain that coal will desorb methane for over two months.They failed to explain that fugitive GHG emissions occur for years after mine closure(ACARP C9063)