
Planning Meeting Wed June 5, 2019 – Karuah Community Hall

Question for Planners

1. Holistic Planning?
 - a. Were the whole site operations impacts on the area including, Hunter Quarries, considered when the planning application for Karuah South was assessed?
 - b. What consideration was given to remediation of the site when the quarrying is completed
 - c. Who is responsible for the remediation of the site?
 - d. What will the site look like when quarrying is completed?
 - e. When will the quarrying be completed?
 - f. Are there any other plans for the site when quarrying is completed?
2. Dust and Air Pollution?
 - a. Why are no dust suppression measures included in the planning document?
 - b. Why are the crushers not enclosed for dust and noise emissions containment?
 - c. How much NOx will be emitted in each blast charge?
 - d. What GHG offsets are included for NOx emissions?
 - e. What are the maximum number of crushers allowed to operate on site including Hunter Quarries crushers?
 - f. How will the dust emissions be controlled and monitored from all operations on site?
3. Visual Pollution
 - a. What screening measures will be done to prevent visual pollution by the site including the crusher operations and the large cut across the mountain as the overburden and Rhyolite are removed and relocated
 - b. What will the visual aspect of the site be once mining is complete?
4. Water Pollution
 - a. What is the expected discharge of “clean water” from the site
 - i. Maximum per day?
 - ii. Maximum per month?
 - iii. Maximum per year?
 - b. What is the holding capacity of the dirty water storage?
 - c. What is the flocculation process to be used to remove solids from the dirty water?
 - d. How much dirty water will be used on site for dust suppression?
 - e. What is the composition of the “clean water” to discharge?
 - f. How will the “clean water” composition be monitored and controlled?
 - g. What happens during a 1 in “100-year” rainfall event (which now appears to be a 10 year event with global warming climate change) or when 200mm of rain falls in 24

hrs as has happened on several occasions in the past 15 years notable the Pasha Bulker event in 2007 and the mini cyclone in April 2015

- h. Do the planning officers realize that the Yalimba Creek is a significant wetland and an important part of the Port Stephens Marine Park?
- i. Do the planning officers realize that the turbid microfine particulates which are virtually invisible and colloidal will suffocate the marine organisms in the wetlands and mudflats of the Yalimba Creek estuarine wetlands if allowed to discharge into the creek?
- j. How is the whole of the water runoff from the whole site including Hunter Quarries being considered and handled?
- k. Removal of the escarpment as proposed will lead most rainfall on the site to the highway side and directly to Yalimba Creek
- l. Capacity of low-level detention dams have not been specified and should be maintained near empty to cater for a high rainfall event
- m. It is suggested that water from the site should be detained and used for dust suppression on site disposed of through evaporation and NO water from the site be allowed into Yalimba Creek

5. Flora and Fauna

- a. Local residents, make claims, that the Flora and Fauna list presented by consultants are incomplete and do not include significant large existing trees and endangered species.
- b. Will Planning NSW require an independent audit from NSW OE&H to substantiate the Flora and Fauna existing before the Planning constraints are completed and/or the Flora and Fauna destroyed?

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