

Martins Creek Quarry Project SSD 6612

I object to this project.

Blasting

What assessment criteria is there for blasting audibility?

DPE request for response to submissions report 2016.

15. Provide predicted blast levels for potentially affected receivers based on the different stages of the quarry extraction plan

Blasting Impact Assessment Appendix G 2021

An assessment is provided with predictions for overpressure for the different stages. For blast vibration there is Table 8 Pg 21 listing the blast designs per hole to meet vibration criteria. I assume a figure for vibration was calculated, so those figures should be listed so it's clear what areas will be the most impacted.

Assessment figures for noise and air quality seem to be able to be calculated for the next 25 years.

Extract from ANZEC 1990

2.2. Ground Vibration

2.2.1 The recommended maximum level for ground vibration is 5mm/sec (peak particle velocity (ppv)).

2.2.2 The ppv level of 5mm/sec may be exceeded on up to 5% of the total number of blasts over a period of 12 months. The level should not exceed 10mm/sec at any time.

2.2.3 Experience has shown that for almost all sites a ppv of less than 1mm/sec is generally achieved. It is recognised that it is not practicable to achieve a ppv of this level at all sites and hence a recommended maximum level of 5mm/sec has been selected. However, it is recommended that a level of 2mm/sec (ppv) be considered as the long term regulatory goal for the control of ground vibration.

I assume in the Blast Management Plan that will be done if this project is approved there will be a road closure requirement when blasting is undertaken within 500 metres of a public road. Yet it is acceptable to blast closer to residences.

To my knowledge no road closures have ever been undertaken to date for quarry blasting.

What buffer lands does the quarry owner or the Daracon group own?

Land Zoning

IPC meeting transcript with DPE

P5 30

While most of the surrounding land use is used for agricultural purposes, rural residential land use has become more prominent in the general locality over the years. Some examples include recent rural residential subdivisions that have been established to the north and south of Martins Creek, and in Vacy, to the north and north-west of the site.

What period of time does the DPE consider as recent?

I don't consider my home in Paterson Valley Estate (north-west of the site) as recent, we built here 30 years ago.

I don't consider this project to be compatible with R5 large lot residential zoning.

Air Quality

DPE Assessment Report

175. The estimated maximum annual average respirable crystalline silica concentration at the site boundary was 2 µg/m³, which is less than the 3 µg/m³ criterion. Concentrations further from the site boundary, including at sensitive receptors, would be lower than 2 µg/m³.

No mention that the above result was from a **1 day reading on 14 June 2019**. (Pg 58 Air Quality Impact Assessment (Appendix E))

Considering the serious health implications and closeness of residents I consider a 1 day reading insufficient.

Gostwyck Bridge

Gostwyck bridge is a one lane bridge for all vehicles, approaches to bridge and installation of bridge kerbs should be completed if this project is approved before any increase in truck numbers.

This bridge has issues with the current poor signage for drivers who aren't familiar with how this bridge operates.

DPE

Can the department confirm that the schedule of lands is accurate? (Recommended Development Consent Appendix 1– Pg 29)

There are no positive outcomes for the local community.

I don't accept that because this quarry has been operating since 1914 that it should be seen in some special category.

The DPE in my opinion hasn't taken into account the hundreds of objections.

IPC public meeting

Daracon spoke about 2 additional stopping bays, I've not read that in any document.

Jennifer Carroll