

From: [REDACTED]
To: [Gen Seed](#)
Subject: The Hansen Quarry Expansion
Date: Wednesday, 14 November 2018 7:11:49 PM

Dear Genevieve

I am writing in regards to Hansen's "Response to Submissions" for the Brandy Hill Quarry.

The Seaham Brandy Hill area is currently a quiet, clean rural residential neighbourhood. Hansen's response has not addressed the community's concerns on pollution, nor to maintain Seaham/Brandy Hill's amenity and character as rural residential. If the Expansion is approved as described, this unique and pristine residential area will be permanently changed by the noise and air contamination. This will largely be because of the excessive movement of heavy vehicles.

Hansen's response states that the community's concerns are "perceived." Let us be clear - there is little doubt that over 700 heavy vehicle movements **per day** will transform Seaham/Brandy Hill from the community is it today. This is not a "perception" - it is a reality. Residents will contend with significantly increased levels noise and air pollution. Air pollution has been repeatedly raised by residents and Port Stephens Council. In the Social impact Assessment, Port Stephens Council stated:

The impacts of dust associated with all quarry related activities, including road dust as a result of trucks and dust coming of loads in transit, which has not been addressed in the Air Quality Impact Assessment (Appendix 11). The Air Quality Impact Assessment is considered insufficient due to the lack of baseline air quality data and inability to measure and manage quarry related air quality impacts and nil assessment of the impacts of diesel fume emissions.

As mentioned by Port Stephens Council, the air quality assessment did not address the pollution from the heavy vehicle use at all. I refer you to the [World Health Organization](#) guidelines. Diesel emissions are a source of

particulate matter which is a well-documented contributor to ill health, contributing up to 88% of premature deaths. This pollution will contribute to the burden of disease in the area along the road routes, including respiratory and cardiovascular morbidity, such as aggravation of asthma, respiratory symptoms and an increase in hospital admissions. It will also contribute to mortality from cardiovascular and respiratory diseases and lung cancer. Poor air quality also also increases the risk of illness and death in heatwaves.

On P 23 of the Air Quality Assessment, Appendix 6, The PM10 data was collected from 14.2 km away, in Beresfield. This does not reflect the quarry nor the Seaham Brandy Hill area as particulate matter will largely settle within 1 km. As previously mentioned, the majority of the particulate pollution will be generated from dust and emissions from the heavy vehicle movement, rather than the quarry itself.

There will be sustained noise pollution from this heavy vehicle use. Noise pollution also has well documented adverse health impacts, such as raised blood pressure, and increased risks of heart attacks and strokes, as well as impaired immunity and hearing. This community is already exposed to periodic noise pollution from the Williamtown RAAF base, however, the truck movements will be constant. Finally, the additional heavy vehicles will increase the risk of road trauma in this area.

I hope that the Department of Planning will take these factors into consideration and will work with Hansen to manage a sustainable quarry that does not harm the community that surrounds it.

Kind Regards

A solid black rectangular box used to redact a signature.