

From: Phil Best <Phil@StrategyMap.com.au>
Sent: Friday, 27 November 2009 12:42 PM
To: 'John Heilig'; 'Robert Bell'
Cc: 'Olga Hawas'; 'Denisse Best'
Subject: RE: FW: Recent Mt Cootha Quarry Blast Monitoring at 3 Samuel Griffith Drive.

Importance: High

Hi Rob & John,

There was a suggestion at our last meeting that John would shed more light on the interpretation of the ppv results for building construction.

I recall that we were informed of the following either verbally or by email, by both Rob Bell and Craig Roubin.

1. The Mt Cootha quarry maximum allowable vibration is 10mm/sec peak particle velocity.
2. Blasts are carried out approximately monthly (on average), but may be more common if blast vibration levels were decreased.
3. A ppv of 10mm/sec for a few seconds per month is not considered harmful for buildings.

Whilst we thank you for this information, unfortunately emails have recently been discredited as a legally valid communication.

Hence we need:

1. A signed letter from the council stating their maximum allowable vibration and the likely blasting requirements.
2. As vibration transmission is often attenuated due to solid angle and geological strata ducting, the letter must state at what point this vibration reading applies, otherwise any numeric level is totally undefined and hence meaningless.
3. A written interpretation or professional opinion on the effects of 10mm/sec ppv on constructed buildings.

Please note that we have no personal objection to the quarry continuing its operation into the future, as long as our structural engineering constraints can be determined and finalised beyond question.

The financial investment in our home construction must not be reduced by structural damage from quarry blasting.

The problem that we are having is that no structural engineer will currently touch this job, because of the blast vibrations.

It is essential that somebody indicates some research or Australian Standard accepted practice documents showing that 10mm/sec ppv does not cause harm to strong buildings.

Yours sincerely, Phil Best.

Phil & Denisse Best
Property Owners: 3 Sir Samuel Griffith drive Toowong

From: John Heilig [mailto:John@heiligandpartners.com.au]
Sent: Friday, 30 October 2009 8:07 AM
To: Phil Best
Subject: RE: FW: Recent Mt Cootha Quarry Blast Monitoring at 3 Samuel Griffith Drive.

Thanks Phil for your comments.

I am presently out of the country but fully expect that Rob will look into the request. please advise if there are any further issues.

Regards,

John Heilig



Heilig & Partners

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From: Phil Best [mailto:Phil@StrategyMap.com.au]

Sent: Friday, 30 October 2009 7:18 AM

To: 'Robert Bell'

Cc: John Heilig

Subject: RE: FW: Recent Mt Cootha Quarry Blast Monitoring at 3 Samuel Griffith Drive.

Hi Rob,

Could you please advise:

When is the next blast scheduled (is it today)?

Will it be the same strength as the previous September blast?

FYI:

1. I am very keen to be there on site for all blasts.

2. We have started our granny flat construction, however re-design of the main 4 level building is waiting on an assessment by our engineers on the level of blast vibration.

EPA:

I was previously unaware that you had any limits, our engineers are asking for a maximum vibration level as ours is believed to be the only close building that is founded on bedrock.

Hence we they are very interested to know what the limits are and how these would be affected if the blast was located at its closest point.

regards and thanks for all your help, Phil.

Phil Best

Owner Builder: 3 Sir Samuel Griffith drive

From: Robert Bell [mailto:Robert.Bell@brisbane.qld.gov.au]

Sent: Tuesday, 6 October 2009 12:22 PM

To: Phil Best

Cc: John Heilig

Subject: Re: FW: Recent Mt Cootha Quarry Blast Monitoring at 3 Samuel Griffith Drive.

Sorry for the delay Phil. I have been on hols. I have attached the result for your site which are within our EPA limits.

We will do another monitoring for the next shot as discussed and I will let you know when that is. Any probs, pls call me 0438 147 599, thks

>>> "Phil Best" <Phil@StrategyMap.com.au> 1/10/2009 9:39 am >>>

Hi Rob & John,

Please advise if there is any result or outcome from the blast vibration monitoring.

regards, Phil.

Phil Best

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