

**From:** Phil Best <PhilBest313@gmail.com>  
**Sent:** Wednesday, 28 October 2015 7:09 PM  
**To:** LORDMAYOR@brisbane.qld.gov.au; 'Toowong Ward Office'  
**Cc:** Steven Miles - Labor for Mt Coot-tha (steven.miles@queenslandlabor.org); Rod Harding (Rod.Harding@qld.alp.org.au); 'milton.dick@qld.alp.org.au'; 'premiers.master@premiers.qld.gov.au'; BLAKE Ross (Ross.Blake@ehp.qld.gov.au)  
**Subject:** FW: Blast Notification - Thursday 22nd October 2015 - JH please forward  
**Attachments:** Qld EHP EcoAccess Blast Maximums.png; ANZEC-BlastVibration.png; HalfMillimetreHouseFramelsLowStrength.jpg; AustTuneliing-DrillAndBlastTable.png  
**Importance:** High

Dear Lord Mayor,

On the 22<sup>nd</sup> October our entire house and contents were shaken violently by the Brisbane City Council Quarry (MCQ) blast.

I knew immediately that it was a big one because the effect on our building was massive and extremely stressful. The level of this blast is far in excess of the levels defined by respected bodies as the maximum allowable.

It is totally and absolutely wrong that the Brisbane City Council should be doing this to its residents and is exactly what Andrew Fraser and Steven Miles met with the quarry manager some years ago in an attempt to stop.

We and the neighbourhood are still waiting for a reply to my previous email in which I expanded on the following:

1. The blast levels allowed in the DA are entirely inappropriate (reasons why).
2. The cumulative damage to buildings over the years is a factor that is totally being ignored.
3. There is zero scientific evidence supporting the fact that sustained MCQ blast levels above 5mm/sec will NOT cause damage to general residential buildings.
4. There is zero scientific evidence supporting the fact that MCQ blast levels will not cause damage to current day 0.4mm & 0.6mm steel frame buildings.
5. There is zero scientific evidence supporting the fact that MCQ blast levels will not cause damage to residential building contents.
6. There is zero scientific evidence supporting the fact that MCQ blast levels will not cause damage to personal mental health (being inside when a blast hits).
7. We have offered photos showing damage to our property (broken glass and slab cracks).
8. There is a very high probability that Asbestos fibre houses are releasing asbestos fibres into the residential area due to these sustained blast vibrations.

Summary:

We submit that quarry blast vibrations are definitely doing damage and that any opinion contrary to this has no true scientific or engineering basis.

The blast vibration system is ineffective due to soil particle attenuation and no monitoring has ever been done in the rock seam that the houses are founded in.

I say again that the very old perpetual QG DA that you consider gives MCQ the right to blast at levels above 10mm/sec for 5% of blasts, is twice the accepted maximum that AF and SM tried to get MCQ to accept and does not take into account any blast frequency plus the likelihood of cumulative damage over the years. It was almost certainly approved in the expectation of occasional blasts.

If you add up the total vibration time over a couple of decades and then go out and shake a new 0.6mm frame house at last Thursday's level for this amount of time, it would clearly cause serious damage. I sincerely doubt that any RPEQ engineer would ever dispute this.

You must stop this severe level of blast vibration. (It is not the fact that the quarry exists, it is the level that they choose to blast at).

Yours sincerely, Phil Best.

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**From:** Robert Bell [<mailto:Robert.Bell@brisbane.qld.gov.au>]  
**Sent:** Wednesday, 28 October 2015 11:54 AM  
**To:** Phil Best  
**Cc:** Terry Bird; BLAKE Ross  
**Subject:** RE: Blast Notification - Thursday 22nd October 2015

Preliminary results are:  
Vib. 8.44mm/s and Airblast 108.4bB(L)

Dr Heilig has not had a chance to review and confirm these results yet but I have given these prelim. results to you in good faith.

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**From:** Phil Best [<mailto:PhilBest313@gmail.com>]  
**Sent:** Monday, 26 October 2015 8:19 AM  
**To:** Robert Bell  
**Subject:** FW: Blast Notification - Thursday 22nd October 2015

Dear Rob,  
Please advise the Mt Coot-tha Road blast monitor reading for this blast.  
Regards, Phil.

Phil Best Electrical Engineer  
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**From:** Terry Bird [<mailto:Terry.Bird@brisbane.qld.gov.au>]  
**Sent:** Friday, 16 October 2015 11:10 AM  
**To:** Terry Bird  
**Subject:** Blast Notification - Thursday 22nd October 2015

Dear All,

For the information of the interested parties, a blast is planned for Mt Coo-tha Quarry between 12.00 noon and 2pm on Thursday 22<sup>nd</sup> October 2015.

This information is provided in good faith. Technical issues or unsatisfactory weather conditions could cause postponement of the blast.

If the blast is postponed for any reason, the addresses on this mailing list would be notified of a rescheduled date.

If you have any questions or concerns please contact me on 07 3403 1030

**Terry Bird**

Manager Asphalt & Aggregates Branch  
Brisbane Infrastructure | **BRISBANE CITY COUNCIL**

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