

Phil Best

From: Phil Best <PhilBest313@gmail.com>
Sent: Wednesday, 21 February 2018 10:19 AM
To: 'lordmayor@brisbane.qld.gov.au'; 'Paddington Ward';
'pullenvale.ward@bcc.qld.gov.au'; 'brackenridge.ward@bcc.qld.gov.au';
'runcorn.ward@bcc.qld.gov.au'; 'doboy.ward@bcc.qld.gov.au'; 'CONNOR Andrew'
Cc: 'FS-AandANotices'; 'Terry Bird'; 'robert.bell@brisbane.qld.gov.au'; 'KARLE Matt';
'ESComplianceBrisbaneMoreton@ehp.qld.gov.au';
'mica.julien@brisbane.qld.gov.au'; 'Kim.Davies@brisbane.qld.gov.au'; 'STAPLETON
Carleigh'; 'thegabba.ward@bcc.qld.gov.au'; 'WynnumManly.Ward@bcc.qld.gov.au';
'Mailbox Ombudsman'; 'maiwar@parliament.qld.gov.au'; 'brisbanedrive@abc.net.au'
Subject: FW: Blast Notification - Wednesday 13th December - 15th request for estimated
blast strength
Attachments: SeagateReaches1TerabytePerSquareInch.jpg; QldTmrBlastingMaximums.jpg;
HistoricHouseAt25OldMtCootthaRdOppositeMCQ.jpg; Mount Coottha.pdf; KRA-42-
CityPlanArialPhotoGraphWithMissing1000and500SeparationZonesV4.jpg; 210.931
Taringa to Enoggera, 60 MSCL, Plan and Longsection Chn 5700-7600, Plan 5 of
25.PDF; MagubMCQLetterAndFaxesToQAG.pdf;
AndrewConnorToBccMcqAboutReducingBlastingLevels.pdf; Feb-7-2018-
BlastNoticeEmail.pdf
Importance: High

Tracking:

Recipient

Read

'lordmayor@brisbane.qld.gov.au'

'Paddington Ward'

'pullenvale.ward@bcc.qld.gov.au'

'brackenridge.ward@bcc.qld.gov.au'

'runcorn.ward@bcc.qld.gov.au'

'doboy.ward@bcc.qld.gov.au'

'CONNOR Andrew'

'FS-AandANotices'

'Terry Bird'

'robert.bell@brisbane.qld.gov.au'

'KARLE Matt'

'ESComplianceBrisbaneMoreton@ehp.qld.gov.au'

'mica.julien@brisbane.qld.gov.au'

'Kim.Davies@brisbane.qld.gov.au'

'STAPLETON Carleigh'

'thegabba.ward@bcc.qld.gov.au'

'WynnumManly.Ward@bcc.qld.gov.au'

'Mailbox Ombudsman'

'maiwar@parliament.qld.gov.au'

'brisbanedrive@abc.net.au'

Di Glynn

'vickersc@bne.catholic.net.au'

Runcorn Ward Office

Read: 21/02/2018 10:42 AM

ES Compliance - Brisbane Moreton

Read: 21/02/2018 10:30 AM

WynnumManly Ward Office

Read: 21/02/2018 10:59 AM

Dear Lord Mayor,

Introduction:

Further to our correspondence from Mr David Hassall, we wish to confirm our goal (below) and ask some questions (for which we believe deserves immediate answers).

All correspondence will now be monitored by your ESU unit as well as the QLD Ombudsman. (Please include them as recipients in your reply.)

We note that in your two recent replies to David Hassall (regarding our 2017 report), on both occasions you advised that contact can be made with your JLTA lawyers.

- However you would know that we did this 2 years ago and that we are still waiting for this to proceed, as you promised it would.
- In addition to this the problem is a unique continuing one, where repeated damage is being created with every strong quarry blast.
- Clearly this is a recurring problem and not a simple single event, hence any repairs done will likely get damaged.
- Because of the recurring source, plus the way that you have handled our own personal case, the local residents consider your JLTA perpetual delay solution to be totally unviable.
- This also draws those residents, who desperately try to sell and get out of the area, into a possible legal situation because they have legally declared that their home was blast-damaged.

We also believe that the JLTA system is only designed to handle an over-and-done-with single event.

- Hence the only remedial action here relies on you and your department reducing the blast vibrations to contemporary levels as required by EHP Director Andrew Connor (attached).

In your replies, you also refer to the fact that the Mt Coot-tha residents attended the previous Kenmore Library Council Listens Forum:

- But you fail to mention that we repeatedly begged and pleaded with you, and Cr Matic, to stop damaging our precious homes.
- From which you and Cr Matic totally ignored what we so desperately begged for, in our entire 30 minute session.

Re: Ignoring Multiple Residential Requests:

Over the past 2 years, we have had zero response from our requests to both Terry Bird and Robert Bell, made on behalf of the Mt Coot-tha Residents, to be advised of the estimated blast strength in their Notice Of Blast email. As I have mentioned before, almost any kind of estimation would be very helpful.

As you would know, the MCQ Legacy EHP EPPR (blasting permit) defines the maximum blast vibration as Unlimited on every 10th blast.

So the residents never know if the next blast will be another one that damages their homes.

Hence, it is an incredibly stressful event every week: To be sitting inside your own home when the blast hits and your house shakes violently around you, as described by some residents as like a bomb hitting your home.

I believe that this is now the 16th request.

Please advise:

1. Why have you and your aggregates department totally ignored such a significant number of simple and polite requests?
2. Do you believe that those unfortunate residents who are subjected to the strong blasting are NOT Entitled to be advised of the estimated blast strength?
 - o Many of these residents were living here when the BCC cancelled the planned quarry closure date, and set a new one at 2015.
 - o Almost all current residents were living here when this was again cancelled and extended to 2032.

Re: MCQ blast vibration effects at sensitive locations:

Please also note that the Published Qld TMR state maximum blast vibration for historic buildings is 2mm/second:

- This includes the historic house immediately opposite the MCQ entrance (as clearly shown on BCC City Plan 2014).
- Also the Stuartholme historic icon buildings (some of which are inside the non-defined KRA-42 separation zone).
- Plus you should be advised that the KRA-42 Resource blasting and processing area is a mere 100m from the old 1959 60-inch SEQ Water-Grid Mains Pipeline.
- The MCQ blast face is approximately 350m from this critical concrete rendered pipeline.
- The problem can be solved in the future by conducting smaller non-damaging blasts more often.

In receiving ALL the MCQ blast vibration reports since 2001 as an RTI:

- No valid vibration monitoring data was provided for any of the above locations.
- This indicates that they have never been monitored.
- The above places would have been hit very hard before 2003.
- On the 15th October 2002 when 10.11mm/sec was measured at the much further away Sussex St location, the stresses on this 50 year old 60 inch bedrock-embedded pipeline were clearly excessive.
 - o As you would know, solid angle theory predicts that intensity decreases according to the square of the distance.
 - o Also Buried Structures receive stronger vibrations than a mere tent peg mounted transducer, monitoring at the surface.

Please advise:

3. What Ethical Duty-Of-Care actions do you or the BCC intend to take as a means to ensure that:
 - o These sensitive locations have not already been damaged?
 - o They will not be damaged in the future?

Our Belief: The Brisbane residents would be horrified if they knew the damage that the Brisbane City Council was doing to the unfortunate Mt Coot-tha residents.

- For many of the older residents, their home is their only main possession, some of whom may have died before the new 2032 MCQ closure date.
- Whilst the BCC repeatedly extending the mine closure date is clearly, for the local residents, a bitter disappointment and an equity disaster:
 - o However for your department to do this, and then refuse to accept the current ANZEC and QLD state maximum (ERA-16 5mm/sec) blast vibration levels (as per the EHP request), is much worse indeed.
 - o As described by Cr Judy Magub and others as "Callous Disregard for the residents living near the quarry".

Our Goal: The BCC Owned and Operated Mt Coot-tha Quarry (MCQ) will fully comply with the 16th July 2016 EHP Director request,

- that the MCQ complies with the contemporary blast vibration levels (ERA-16) and community engagement requirement,
- to which on the 16th September 2016, the BCC replied saying **No**.

Yours sincerely, Philip Best a/secretary MC Quarry Action Group.

Thank you for reading this email.

FYI: Blast Vibration is measured as particle velocity in mm/second.

Philip Best - Electrical Engineer

ABN: 64 056 607 713

3 Sir Samuel Griffith Drive

Mt Coot-tha

Toowong Qld 4066

Australia

p: 0411 123400

e: PhilBest313@gmail.com

L: <https://au.linkedin.com/in/philbest>

From: Phil Best [mailto:PhilBest313@gmail.com]

Sent: Tuesday, 12 December 2017 11:33 AM

To: 'lordmayor@brisbane.qld.gov.au' <lordmayor@brisbane.qld.gov.au>; 'Paddington Ward' <paddington.ward@BCC.qld.gov.au>; 'pullenvale.ward@bcc.qld.gov.au' <pullenvale.ward@bcc.qld.gov.au>

Cc: 'KARLE Matt' <Matt.Karle@ehp.qld.gov.au>; 'CONNOR Andrew' <Andrew.Connor@ehp.qld.gov.au>; 'STAPLETON Carleigh' <Carleigh.Stapleton@ehp.qld.gov.au>; David Hassall (hassalldavidc@gmail.com) <hassalldavidc@gmail.com>; 'Jones, Laura' <ljones@stuartholme.com>

Subject: RE: Blast Notification - Wednesday 13th December - 15th request for estimated blast strength

Importance: High

Dear Mr Bird,

For the 15th time, we ask that you provide some kind of estimate of each planned blast strength.

We are aware that your current EPPR allows blasting to an unlimited level on every 10th blast, hence it is absolutely essential that we receive some indication of the planned blast strength. Otherwise we never know if the next blast will be the one that destroys our property, house, electronics or data storage.

We would like to remind you that common data storage is now measured in Terabytes and hence a 10TB hard drive contains 10,000 Gigabytes or 10million megabytes.

The laptop computer I am using for my business, to type this email, contains a Standard Issue 2.5" 1TB mechanical hard drive with track widths around 100nm.

- That is 100 nanometres which is only 50 times wider than a strand of human DNA and one third of the Red Light wavelength.
- The equivalent larger form-factor 3.5" desktop hard drive standard issue is 10TB.
- The hard drive manufacturer Seagate is now producing 60TB mechanical hard drives,
 - o This has a storage density of 1TB every square inch,
 - o This is likely to become standard new computer issue during 2018/2019.
 - o It is likely that these already exist in the MCQ blast vibration zone.

As we have now asked 14 times before and never received any reply, please note:

If you cause a strong blast while a Terabyte Mechanical Hard Drive is doing a write phase, then the heads will likely vibrate and damage the data on adjacent tracks.

It is likely that there are some hundreds of these hard drives located at Stuartholme School (during semester), which is within the standard 500m KRA Separation Zone.

I have also attached part of the Qld TMR specification for blast vibrations.

- This clearly states a maximum of 2mm/second for historic buildings.
- The Old Cobb & Co site is listed on the BCC CityPlan2014 as a pre-1911 historic site and is immediately opposite to MCQ & KRA-42 Processing and Blasting area,
- Plus Stuartholme with its iconic historic buildings pre-dates WW2.

This is our final request.

Thank you for reading this email.

- Philip Best and the Mt Coot-tha residents.

Philip Best - Electrical Engineer

ABN: 64 056 607 713

3 Sir Samuel Griffith Drive

Mt Coot-tha

Toowong Qld 4066

Australia

p: 0411 123400

e: PhilBest313@gmail.com

L: <https://au.linkedin.com/in/philbest>