

Hallett Cove Linwood Community Working Group

Minutes of meeting held on Thursday 25th October 2007
at 5.30pm at the Seacliff Surf Life saving Club

Attendance: Kym Richardson M.P.
Edward Benesh (Resident)
Penny Dellow (Resident)
Ken Turnbull (Resident)
Amanda Turnbull (Resident)
Imogen Edmunds (EPA)
Olando Puccini (PIRSA)
Adam Betterman (Boral)
Rodney Kazem (Boral)
Tony Ward (Boral)

Apologies: Peter Craven (Resident), Trish Craven (Resident) Tony McKechnie (Resident) Tracy Highwood (Resident) Serge Caplygin (PIRSA) Paul Whiffen (Boral) Chris Kavanagh (City of Marion)

1. Welcome, introduction and overview

Notes of the previous meeting held in July had been previously circulated.

2. Discussion

Ed Benesh raised a suggestion, if it was possible the meeting venue be changed to a location closer to the Hallett Cove residents, also if the timing of the meeting could be changed from 5.30pm to 7.00pm.

Rodney asked if any of the Residents knew of any facility within the Hallett Cove area that was available for the working group meeting. Ed mentioned that there is a Baptist Church available for rent and provided the contacts for the Church.

Rodney gave a quick update on the Open Day at Linwood Quarry that was held on the 26th of August 2007, 2000 Invitation flyers were sent out to the surrounding Hallett Cove and Marino neighbourhood and the turn out was quite positive approximately 150 – 200 residents attended.

Rodney said the tour bus was kept very busy with many eager residents wanting to tour the quarry pit and have a look at what we do.

Questions raised during the open day were very positive, with a majority of the questions aimed mainly around the extent of the quarry pit in the near future and the life of the mine.

3. Review of issues and actions

3.1 Blasting

Rodney referred to the Linwood aerial photograph and showed the locations of the blast monitors that measure ground vibration and Air blast overpressure (noise) during a blasting operation.

Rodney showed charts for blast noise and vibration for period 2002 -2007. Rodney explained that the chart shows readings of maximum ground vibration and noise for every blast.

Adam explained that the ground vibration on the charts show to be increasing over the years and this is due to the fact that that we are much closer South than previous years.

Rodney explained results for the ground vibration and noise for last 6 months and indicated that results were below the statutory limits of 120db for noise and 10mm/sec for vibration and went on to explain the data recorded over the last 6 months.

Adam explained that over the last 6 months 9 out of the 14 blasts performed were on the top 2 benches as part of the development phase of the quarry pit.

Adam said the results over the last 6 months are reasonably good considering the number of blasts performed on the upper 2 benches.

Ed Benesh said the Top benches is where we receive most of the noise from and asked what the results were from today's blast 25/10/07

Rodney replied that today's blast was on the 120level and recorded a maximum vibration of 3.7mm/sec and noise of 110db.

Ken Turnbull said today's blast felt really bad, "There was no warning" noise was very low however the rumbling and vibration through the ground felt quite severe and requested if a blast monitor could be place close to his house.

Rodney replied that the recorded readings from todays blast were very low and added that the current location of the blast monitors may not best represent the vibration or noise you are experiencing at your house.

Rodney said, we currently perform blast monitoring at residential houses upon requests from residents and are happy to monitor a few blasts from your property.

Adam said that we have a number of residents that have requested to be notified prior to performing blasting operations, we send an email 24 hrs before blasting and also phone call 30mins before blasting.

Ken replied and said he would like to be added to the blasting notification list.

Rodney outlined Boral's ongoing improvement process the last 6 months citing the following:

- 102mm - 89mm blast holes providing reduced MIC (Max. Instantaneous Charge)
- Trial of slow timing
- Smaller Blasts on top 2 benches originally 70-80 holes reduced to 40-50 holes
- Separate blasting of any toe in the shot

3.2 Dust

Rodney showed the location of the 5 static dust monitors on the Linwood aerial photograph and also the dust monitoring results for the period 1999 to the end of September 2007. Monitors 1, 2, 3, 4 and 5 showed that the readings were well below the statutory limit of 4 g/m². It was also highlighted that the recent results were lower and more consistent in comparison to previous years readings for the same months indicating dust control measures are working very effectively.

Penny said there has been a lot of dust lately; you can actually see it coming off the Overburden mound, does the water truck wet down the overburden dump everyday?

Rodney replied that the water truck wets down the overburden dump quite frequently throughout the day.

3.2.1 Dust track

Rodney spoke briefly about a new real-time dust monitoring system that which is currently being developed by Kenelec Scientific for Boral Linwood Quarry.

The system has the capability of monitoring dust levels, including wind speed and wind direction real-time at the Linwood Quarry.

Rodney said the real-time system has many advantages, such as

- The ability to monitor dust levels real-time via computer and mobile phone.
- Understanding origination of dust via wind speed and direction data
- Quick and timely response to high dust readings
- Understanding of origination of dust via wind speed and direction data
- Better control planning blasting operations.

Penny said there has been a lot of dust lately from the Overburden mound, How can monitoring control dust?

Rodney replied it's all about understanding where the dust is originating from. The real-time system will tell us the exceedance in dust level, wind speed and direction, by having this data we are able to identify the location of the dust and control it.

Penny replied, sounds good but when is it going to happen?

Rodney said it's a new system being developed for the quarry and we are hoping to have the system up and running early 2008.

4 Other Business:

4.1 Feedback from Kym Richardson regarding responses from residents

Kym Richardson spoke briefly about feedback comments his office had received regarding the Quarry's operation, the response are listed below.

- The residents thought the open day went very well with lots of excellent feedback.
- Hallett Cove working group meeting needs to be changed from 5.30pm to 7.00 – 7.30pm
- Meeting venue needs to be closer to Hallett Cove

- Residents have said they have called Boral on many occasions, but no one seems to return there call
- Good that Boral is trying to do something by blasting between certain time slots and notifying residents when they will be blasting.
- No written plan that Boral won't extend quarry pit to Perry Barr Rd
- Residents still concerned over operating hours. However Boral is acting within regulations.

4.2 Overburden Dump

Rodney referred to the Linwood aerial photograph and pointed out the location of the overburden dump and explained that the overburden material is unusable clay type material from the rock face. As a trial Boral had hydro-mulched the southern side using a pasture grass mix. Two pictures were shown, one of the overburden mound 1 week after Hydro mulching and the other picture 3 months after hydro mulching.

Rodney said, the hydro mulching on the southern side of the mound has been very successful is growing quite well.

Penny said, the Hydro mulching looks excellent and asked if Boral will be continuing with the hydro mulching around the rest of the overburden mound.

Rodney replied, due to the success of the Hydro mulching, we are confident in hydro mulching the south eastern side of the mound. However before we can hydro mulch we need to develop the contour of the mound, so it looks more natural.

Ed Benesh said, that we can still see the top of the mound?

Rodney referred to the overburden mound picture and commented that part of the development of the overburden mound is to tip some fill material around the top edge of the overburden mound to try and screen off trucks driving on the mound.

Penny asked, when will you start hydro mulching again?

Rodney replied the best time for hydro mulching is May/April. We are currently trying to develop the South Eastern side ready for Hydro mulching.

Imogen added that the purpose of Hydro mulching is not only to look pretty, but also to control dust.

4.3 Perry Barr Road Tree Screening

Rodney showed a picture of the tree planting proposal for the start of Perry Barr rd and said Paul Whiffen has been working with the Marion Council in regards to a proposal to plant some replacement/infill trees along the Council roadside at the start of Perry Barr rd.

Rodney said the council have given Boral the go ahead to plant the trees; however this is subject to the council agreeing to Boral's Tree species list.

Marion council have stated that they have not had good success in the growth of trees along Perry Barr Rd due to vandalism.

Ed Benesh said, this is a much better idea than the previous proposal of planting trees inside the landowner's fence, as you needed to install a second fence to prevent livestock destroying the trees at their young state.

4.4 **Stormwater – waste water Joint Venture with Marion Council**

Rodney provided an update on the Linwood Access rd and water recycling project and mentioned that recent meeting with the Council have indicated that they are progressing well with designs from Tonkin Engineering due for completion end of November and hopefully funding and construct start of 2008.

Penny asked, will the project happen and what will the water be used for?

Adam replied, we have already committed \$100K to the project for the access road we are just waiting on the Marion council to sort out final designs and funding. The water will be used by both Boral and the Golf course to

- water the golf course
- suppressing dust
- truck washing
- batching concrete

5 Questions

5.1 Noise Monitoring

Imogen from EPA, said that she had recently performed some random noise testing around Perry Barr Rd and The Hallet Cove Area due to various complaints received from residents.

Noise testing was performed on the 03/10/07 however it was too windy. The next test was conducted on the 14/10/07

Imogen quoted the noise policy "Residential with some Industrial 10:00pm – 7:00am maximum permissible is 50db" Testing performed on the 14/10/07 recorded 43-44db at 6.30am which is well within the policy.

Imogen also added that at 7.00am Trucks entered on to the overburden dump and increased the noise level by 3.0db, which is still well below the statutory noise limits.

Penny said that she has never heard any machinery noises from the quarry

Ed added that depending on the wind direction, you can sometimes hear the crusher going.

5.2 Future meetings

Rodney put a proposal forward to the meeting attendees that we move the meetings to 6 monthly rather than 3 monthly. However during this period if anyone has an issue or believes a meeting is necessary to discuss and immediate problem with the Quarry, we are happy to organise a meeting earlier or meet on a one on one basis.

Everyone agreed, Ed said the next meeting in 6 months needs to be in Hallet Cove, not on a Thursday and at a later time slot.

Penny added, Thursdays is inappropriate as many residents work Thursday nights.

Rodney said we should not have any problem with this and added that he would email the new location and meeting date to the residents.

6 Next meeting:

Tuesday 6th of May 2008 ?

The meeting closed at 7.45pm.