

Hallett Cove Linwood Community Working Group

Minutes of meeting held on Wednesday 2 July 2007
at 5.30pm at the Seacliff Surf Life saving Club

Attendance: Kym Richardson M.P.
Chloe Fox M.P.
Edward Benesh (Resident)
Imogen Edmunds (EPA)
Olando Puccini (PIRSA)
Serge Caplygin (PIRSA)
Chris Kavanagh (City of Marion)
Adam Betterman (Boral)
Rodney Kazem (Boral)
Paul Whiffen (Boral)

Apologies: Alistair Kelsh (Boral), Peter Craven (Resident), Trish Craven (Resident),
Tony McKechnie (Resident)

1. Welcome, introduction and overview

Notes of the previous meeting held in March had been previously circulated.
The notes that follow provide a summary of key points discussed at the meeting.

2. Discussion

Adam Betterman gave an update of recent blasting history since the last meeting. Adam said that Boral had changed the drill size of blasting holes to 89mm diameter (previously 102mm). He also said that Boral was now working towards blasting only 20-30 times per year at Linwood compared to more than 65 times the previous year. There had only been 13 quarry blasts at Linwood in the last 6 months. Since April 2007, only 4 blasting events had exceeded 115dB (Boral's self-imposed limit). None had exceeded the statutory limit of 120dB.

3. Review of issues and actions

3.1 Blasting

Adam advised that Simon Fitzgerald, Blasting Supervisor, was leaving Boral on 20 July. He is to be replaced by 2 shot firers.

Adam said that Boral believes that it has been able to improve blasting impacts by changing from 102mm to 89mm holes.

The company has incurred a 40% increase in drilling costs since changing to the use of smaller (89mm) drill holes. This change has required an increase in the number of holes to be drilled for any given blasting pattern.

In regard to blast vibration, Adam reiterated that Boral had its own self-set limit of 5mm/second (compared to the statutory limit of 10mm/sec.) Since April 2007, there had been only one exceedance of the company's self imposed limit.

Chloe Fox M.P., asked if Boral blasted outside of 10am to 4pm Monday to Fridays? Adam said that our ADP (PIRSA Approved Development Plan) stipulates these limits. He said that quarry blasts are normally between 2-3pm or if it is determined to 'sleep' a shot overnight due to weather conditions it may be fired at around 11.00am the following morning.

Adam outlined Boral's ongoing improvement process citing the following:

- Larger shots – reducing the number of blasts from 65 down to 20 per year
- 89mm blast holes providing reduced MIC (Max. Instantaneous Charge)
- Reverted to use of ANFO in place of bulk emulsion explosive

3.2 Noise

Ed Benesh agreed with Boral's aim to get quarry blasts below 115dB and said he expects Boral to better manage blasting with the appointment of 2 supervisors.

Kym Richardson M.P., asked if the primary crusher started at 5.30am and if it worked on Sundays? Adam said no to both questions.

Ed Benesh asked if there had been any consultation with PIRSA in the review of the quarry's MOP (Mine Operation Plan)? Adam said yes there had been. Ed asked when was it to be completed? Adam advised that it was scheduled to be submitted to PIRSA on 11 July 2007 and it would be lodged in draft form for PIRSA review.

Ed suggested Boral should commit to noise levels temporarily until quarrying is finished in the SE area and then commit to a lower limit thereafter (120dB down to 115dB).

Olando Puccini and Serge Caplygin discussed briefly the regulatory dB limits.

Kym Richardson M.P., quoted the "Noise Policy 1994" and asked "how come Boral can exceed this?" He went on to say, "surely we should rely on Government authorities to protect the community"

It was pointed out that the "Noise Policy 1994" referred to is actually a policy declared under the Environment Protection Act 1993 known as the *Environment Protection (Machine Noise) Policy 1994*. Adam advised that his policy relates to different noise level measurements than those monitored at the quarry.

Discussion ensued between PIRSA representatives and Adam regarding "human comfort" levels, Australian Standards etc.

Adam reiterated that Boral is committed to getting down to 115dB and that once surface workings were down a couple of levels (benches) believe improvements will be made.

Chloe Fox M.P., asked why PIRSA can't impose a limit of 115dB?

Serge (PIRSA) said that this could be challenged and difficult to justify. The challenge would be where would the limit stop 114db, 110 or less? Adam added that Boral had received complaints when blast levels were at 110dB. This was concurred by PIRSA.

It was acknowledged that there had been consultation between Boral and PIRSA regarding blasting levels. Whilst it was conceded that Boral had never opened itself up to an entire community forum it had formed a community consultation group with concerned Hallett Cove residents. It was pointed out that Boral undertook to email notice of quarry blasting to residents who wanted to know.

4 Other Business:

4.1 Overburden Dump

Adam 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. A picture was shown of the current overburden mound looking from Perry Barr Road.

Adam said that looking north from Perry Barr Road, the overburden dump looks unsightly due to its colour, steepness and contour in respect to the surrounding landscape and this had resulted in some complaints from Hallett Cove residents. Adam then showed a picture of the future direction for the overburden dump, showing Stage 1 of the area contoured along the southern side to better assimilate with the adjacent landscape.

Adam said that the restructuring of the current overburden dump would take some time as it involves constructing a new mound on the southern side before reconstruction of the existing mound can be achieved. Adam said that to relieve the present unsightly appearance of the overburden mound Boral had hydro-mulched the southern side using a pasture grass mix. Pictures were shown looking from Perry Barr Road showing the overburden mound before and after the hydro-mulching. Pictures of the overburden mound taken after the hydro-mulching showed it to have a more appealing greener and grassier appearance.

Adam added that if anyone at the meeting travelled down Perry Barr Road could they please have a look and give us some feedback.

4.2 Hallett Cove Connector Road

Adam discussed with the group a proposal to exit the quarry site towards the south eastern end of Perry Barr Road. Adam advised that the proposal relates to anticipated construction work contract located South of the quarry. For safety reasons it is deemed that a southerly exit is preferred to the current situation where loaded quarry trucks must negotiate a right turn from Clubhouse Road across fast moving coming down Ocean Boulevard. He said that currently 10% of quarry traffic goes South from the Clubhouse Road exit. This may increase to 20% as further development work occurs South of the city.

Asked if the Company would provide a written assurance to the community on the extent of use for the proposed southern exit Adam replied that this would be provided.

Chris Kavanagh (Marion Council) said that if a Development Application were made to Council it would probably be handed over to the DAC (State Government Development Assessment Commission) as there may be a conflict of interest from Councils point of view.

Chloe Fox M.P., asked if at the end of the contract the road were not used what would happen? Ed Benesh said that Boral would only require temporary use of the southern road exit.

Rod Kazem (Boral) said that there had been some preliminary discussions with the landowner regarding the road and the need to reinstate it to farmland once it was no longer required.

Kym Richardson M.P., asked about the likely impact on Perry Barr Road?

Imogen Edmunds (EPA) commented on a recent noise level test at the Perry Barr Road boundary of the quarry. During active operations the site was monitored for 1 1/2 hours. No noise was recorded despite being able to see vehicle movements within the quarry site.

Kym Richardson M.P., asked what about crusher noise?

Ed Benesh said he can sometimes hear the primary crusher.

Imogen (EPA) stated that the EPA don't believe that noise is at all excessive.

In recent times Boral has conducted a series of noise monitoring exercises at the site using independent Acoustic Engineering consultants. Adam said that the new MOP states monitoring be carried out every 12 months.

4.3 Perry Barr Road Tree Screening

Some discussion ensued regarding the proposed planting of trees along the south eastern end of the Perry Barr Road boundary to screen views of the quarry. It was suggested that rather than plant trees within the Sheidow farm property some replacement/infill tree planting along the Council roadside could be done. It was uncertain if the road is controlled by DTEI (Dept. Transport Energy & Infrastructure) or Council

Chris Kavanagh (Marion Council) thought that it is likely to be a Council Road. He suggested contacting either John Valentine or Mark Sandford to discuss Council's view of the proposal. It is likely to be regarded as supporting the "Marion South Plan". The issue may be tree species selection.

Paul Whiffen (Boral) suggested that the SA Urban Forest program may be able to assist. Paul to follow up.

4.4 Marion South Plan

Chris Kavanagh provided an update following earlier discussion. He said that the State Government has indicated that a change of zoning from the present HFZ (Hills Face Zone) to Residential is unlikely. He advised that the Hallett Cove shopping centre upgrade and construction of the connector road is going ahead.

4.5 Blasting

Rodney Kazem (Boral) advised that a local resident had made a commitment to monitor quarry blasts using the Blast monitoring equipment at their house. Rodney has monitored the last 5 blasts at the resident's house. He said results so far indicate readings slightly below those monitored in Antonia court.

4.6 Quarry Open Day

Rodney Kazem provided the group with an update on the forthcoming Linwood Quarry Open Day. He confirmed that it is to be held on Sunday 26th August between 12 noon and 2

pm. He said that an invitation is going out to local residents and will be letterbox dropped soon. The Open Day will have displays, bus tours of the quarry and a sausage sizzle.

5 Website Feedback

Rodney Kazem/Adam discussed the Boral website and what is and can be posted on it.

4. Next meeting:

Thursday 11th October at 5.30pm at the SSLSC

The meeting closed at 7.45pm.