

# LINWOOD QUARRY – HALLET COVE & MARINO JOINT WORKING GROUP MEETING MINUTES 23 March 2016

---

**Present:** 16 people attended the meeting (see last page for attendance list)

**Apologies:** Vince Nigro, Des DeCean & Barry Dellow

Agenda Item	Topic of Discussion	Actions
<b>1</b>	<b>Welcomes and Introductions</b>	
	<ul style="list-style-type: none"> <li>• All apologies were made for those that were unable to attend the meeting.</li> <li>• Boral thanked everyone for attending the quarry site.</li> </ul>	
<b>2</b>	<b>Review of last meeting – 26 August 2015</b>	
	<ul style="list-style-type: none"> <li>• It was stated by CW that the minutes from the 26 August meeting were incorrect and missing information, including the dates of minutes and publications relating to the southern buffer zone (16 Nov 2011, 18 Aug 2010, 19 May 2010, 19 Nov 2009, 19 Aug 2009, 20 May 2009 and Oct 2009 newsletter).</li> <li>• The three outstanding actions were addressed.</li> </ul>	
<b>3</b>	<b>Update on Linwood Quarry</b>	
	<p><b>QUARRY OPERATIONS UPDATE</b></p> <ul style="list-style-type: none"> <li>• AB gave an overview of current market conditions and the downturn in sales, as well as feedback on the recent tertiary crusher upgrade.</li> <li>• AB informed the committee that the Boral Logistics truck fleet would no longer be operating in SA and the vehicles are to be sold off. KT stated that contractor truck drivers seem to have been less courteous recently which may be explained by this. Boral reminded all that if they observe any unsafe driving, obtain vehicle details and pass on to the quarry for action.</li> <li>• CW asked if Boral fuel delivery trucks were using Brighton Rd. JM replied this was not the case.</li> <li>• It was also asked whether the Boral trucks which have been sold will be resprayed so the Boral colours are removed.</li> <li>• AB informed the committee of personnel changes, with James Magarey transferring to Stonyfell and Scott Retallick moving</li> </ul>	RK to confirm

to Linwood.

## **FUTURE PLANS & QUARRY DEVELOPMENT**

- RK discussed in detail a proposal for the next 20 year stage of quarry development, moving south and east, and also the eastern final pit concept. Visual analysis examples were shown.
- The southern development proposal involves moving the current fenceline back 30m and extracting up to this line, leaving an access track. This will allow Boral to access the additional resource prior to moving east, and to obtain the final bench angle to comply with geotechnical requirements. It would take, at current estimates, between 3-5 years to achieve.
- RK stated that at this time, the information was being presented for feedback and consultation as part of the wider and lengthy process attached to mine planning.
- Following the presentation of this information, various resident attendees voiced dissatisfaction with the proposal to move further south. A number of questions were asked, with answers as follows.
- TG asked why it would take five years to complete the southern proposal. RK replied the volume of rock available and sales demand would determine timing but the priority would be to complete the area as quickly as possible.
- It was stated that as part of this proposal, one idea would be to 'turn' the faces 90 degrees (ie to an east-west alignment) which would further improve the blast vibration effects.
- Members asked what the distance between the final face and Perry Barr Rd would be through the proposal. RK stated between 220-265m, pointing out the distances and locations on an aerial of the pit plan proposal.
- IC asked why the need to attain the final face angle hadn't been considered by Boral prior to quarrying through to the current stage. It was explained that as mining was not finalised, consideration of final faces has not been given.
- CW stated most quarry operations will usually work up to a 350-500m buffer zone. Boral acknowledged this however it was explained that as the southern part of the pit was part of the private mine, Boral was able to work further provided statutory standards on matters such as blasting continued to be met.
- IC asked whether there was an option to finish the blasting of the southern faces in a more timely manner, and for the Group to be informed about what other options might be available in alternative to the proposal for finalising the southern part of the pit.

Boral to review

<ul style="list-style-type: none"> <li>• At this point Boral acknowledged that the matter of a proposed buffer zone to Perry Barr Road had been discussed in previous minutes and publications. It was explained that the site works to its current approved Mine Plan, and improved blasting practices allow the site to access resource within the southern portion of the private mine while ensuring results are kept below statutory requirements.</li> <li>• KT asked if Orica could attend a future meeting to discuss blasting. This has happened previously however Boral is happy to arrange another session.</li> <li>• RK talked about the studies into the visual aesthetics of the quarry which had been completed. Boral is currently working with Groundworks (consultants) on finalising these.</li> <li>• TG asked whether the current (2008) Mine Operating Plan (MOP) was relayed to the JWG at the time of its approval. CS confirmed the MOP is a public document, however it's not known if it was provided to the JWG at that time.</li> <li>• CS confirmed the current MOP was approved by the Mines Department in 2008 and the site is working to that document. Portions of that document, including the plans and environmental objectives and criteria, were presented at an 'open day'.</li> <li>• TG requested a copy of the 2008 MOP be circulated.</li> <li>• CS discussed the rules relating to 'private mines' to help bring context to the proposal.</li> <li>• IC asked when the MOP was due for renewal. CS explained that the site is working to the current MOP, and while this does not require renewal at this stage, the site is working through the steps that would be involved if a new Extractive Mineral Lease (EML) was sought for the eastern development area. This would ultimately result in the need for an updated Mine Plan. The pegging of a mineral claim would take approximately 12 months, and then a new MOP/Program for Environmental Protection and Rehabilitation (PEPR) could take up to three years to complete. Boral confirmed that plans for the eastern development would be communicated with residents as part of the approvals process for that area.</li> <li>• An update was given on behalf of Seacliff Developments about the proposed new quarry access road. A map showing the road exiting at the top of the Golf Course was displayed. The developer and Boral are working together on solutions to the funding shortfall created through the costs of the proposed road.</li> <li>• A suggestion was made that the royalties paid to the Government by Boral should be used as a contribution to the project.</li> <li>• BN asked whether the crushing plant would be re-located along with the road. It was mentioned that only the wheel wash and weighbridge would be part of the new access road.</li> </ul>	<p>AB to confirm Orica availability</p>
---	---

- Department of Planning, Transport and Infrastructure (DPTI) will determine whether traffic lights will be required at the potential road exit point onto Ocean Boulevard.
- KD asked whether all trucks exiting the new proposed road would go up towards South Rd rather than down Brighton Rd. Boral was unable to confirm at present.

### **ENVIRONMENTAL DUST MONITORING UPDATE**

- AB discussed the TEOM data PM10 & PM2.5 results from September 2015 to February 2016.
- AB provided explanations for the higher spikes throughout this period. There were no exceedances and compliance with the NEPM standard was achieved.
- AB confirmed that the site would use a dust 'mag' solution trial on the haul road in the vicinity of the weighbridge.
- TG commented there are still dust issues on some days, however things are dramatically better than they once were.

### **BLASTING DEVELOPMENTS**

- AB discussed the air blast and vibration blasting results from September 2015 to February 2016. All blasts were within the statutory limits.
- Boral mentioned that in recent months, drilling and blasting has been predominately concentrated in the eastern area of the quarry which has improved the vibration results.
- CW asked why the current monitoring block is located near the water tanks rather than its original location at Aroona Court. Boral explained the threaded bolts on the block continually got damaged.
- KT raised concerns about the blast on the 17 Feb and stated people thought "it was like an earthquake". Two shots were fired on that day, one on the eastern bench and the other on the southern, however it was the eastern shot which was the issue. AB explained this was an area of the pit in which blasting is infrequent and future blasting in that vicinity is unlikely. The results were within the statutory limits.

### **OTHER BUSINESS**

- AB mentioned that a small section of tree planting occurred in December 2015 after a request by a resident on Yalpa Rd.
- AB informed the committee that Boral would support a proposed Marino community garden.
- JWG raised a lot of residents did not receive the last quarry newsletter. Bronte and Ken also stated the feedback letter did not get circulated to all in the area.

<ul style="list-style-type: none"> <li>• CW asked when the next newsletter was going to be circulated.</li> <li>• FS proposed other alternatives of releasing information to the community. PJ confirmed Boral could use these along with the more traditional newsletters, websites and direct letters. Advertising and editorial in local media also would be used.</li> <li>• AB confirmed a dozer will be hired in to reduce some of the height on the overburden (south) as it impeding views. Timing is dependent on the weather, with wetter conditions more favourable for dust management.</li> </ul>	
<p><b>NEXT MEETINGS</b></p> <ul style="list-style-type: none"> <li>• The next JWG meeting at Linwood Quarry will be advised.</li> </ul>	

**LINWOOD – HALLET COVE & MARINO JOINT WORKING GROUP MEETING**  
**WEDNESDAY 23 March 2016 ATTENDANCE RECORD**

<b><u>NAME</u></b>	<b><u>REPRESENTING</u></b>
Andy Baker (AB)	Boral
James Magarey (JM)	Boral
Caroline Schar (CS)	Boral
Paul Jackson (PJ)	Boral
Rodney Kazem (RK)	Boral
Ian Crossland (IC)	Marion Councillor
Karen DeCean (KD)	Marino resident
Fran Southern (KS)	Marino resident
David Bagshaw (DB)	Marino resident
Tim Gard (TG)	Marino resident
Anna Bakuszowski	Marino resident
Ken Turnbull (KT)	Hallett Cove resident
Colin Waterman (CW)	Hallett Cove resident
Bronte Newton (BN)	Hallett Cove resident
John Valentine (JV)	Marion Council
Adele Lausberg (AL)	Representative (Federal Member for Kingston)