

**LINWOOD QUARRY –
HALLETT COVE & MARINO JOINT WORKING GROUP
MEETING MINUTES 18 AUGUST 2010**

Present: Twelve people attended the meeting (list attached)

Apologies: Rob Lyons, Glen Sorenson, Daniel Radulovic (EPA), Tracey Hywood, Alan and Glenys Brokenshire, Dennis Southern and Cr. Cheryl O'Connor

Agenda Item	Topic of Discussion	Actions
1	Welcome and Introductions	
<ul style="list-style-type: none"> • Tony Ward (TW) welcomed attendees to the meeting. 		
2	Review of last meeting – 17 February 2010	
<ul style="list-style-type: none"> • TW went through the minutes of the last meeting. 		
<ul style="list-style-type: none"> • TW advised that the tree replenishment and rehabilitation plan would be addressed as part of the update on Linwood Quarry, later in the meeting. • TW advised that a new distribution company and quality control checks for the April community newsletter had been implemented and asked for feedback from the Joint Working Group (JWG) representatives. • Positive feedback about the distribution of the last newsletter was given and it was agreed that the great majority of residents received the newsletter. • KM advised that she had distributed the link to the Linwood Quarry Website to JWG resident members. In response to resident requests, KM agreed to re-send the link. • NE advised that she had made a mistake, saying that PIRSA had last monitored Linwood Quarry approx. 6 months ago and that it had been over 12 months as of February 2010. She apologised for this error and advised the JWG that PIRSA has since increased monitoring at Linwood Quarry. • JWG representative details on the website have been actioned. • EB queried the Australian Standards for blasting limits noted in the February minutes were not correct and the minutes should be amended to reflect the true limits. • The issue was discussed at length, with NE and TW explaining that the limits of 133 decibels and 19mm per sec blasts, as recorded in the minutes of the last meeting were correct in regards to the limits set for structural damage. They also went on further to explain that there is a second set of limits in accordance with the Australian Standards at refer to human disturbance, which are lower than those that may cause structural damage. • On this basis, TW stated that the minutes of the last meeting were correct and asked that the minutes of the 17 February meeting be accepted. 		<p>KM to re-send Linwood Quarry website link to JWG resident members</p>

3	Linwood Quarry Community Newsletter Review	
<ul style="list-style-type: none"> • TW advised that the next community newsletter was due for distribution late October and asked JWG for feedback on the newsletter as a tool to inform local residents about Linwood Quarry operations • It was agreed by JWG that the community newsletter was an effective communication tool. • KM asked for ideas about content for the next newsletter. • JH stated that a Q & A format would be a good idea. • FS thought that the concerns of residents such as cracking, blasting and dust should be addressed and the role of the Joint Working Group in seeking resolution to this issue be emphasised. • It was also suggested that Boral provide a clearer indication of the extent the quarry boundaries could be expanded and provide details of any expansion plans. 		<p>KM and TW to consider these suggestions for the October 2010 newsletter.</p>
4	Updates on Linwood Quarry	
Blasting		
Action Plan		
<ul style="list-style-type: none"> • TW advised that drilling at the quarry on the eastern side would commence next week. The reverse circulation drilling process would examine the type of materials extracted and determine future plans for the quarry. • In response to a query regarding Boral's plans for expansion, TW reiterated that the drilling results would give Boral with a better idea of the feasibility of any potential expansion on the eastern boundary. He also stated that public consultation would occur prior to any further expansion being undertaken. • TW advised that Boral can blast within 400 metres of housing, and confirmed that no houses are able to be built within 400 metres of the quarry. • JH stated that this would still allow Boral to expand right up to Perry Barr Road in some areas. • TW clarified that with a private least, Boral can do exploration drilling but no quarrying without a public consultation process. Until such time as the drilling results are known, Boral will not be in a position to determine if future expansion to the east may occur in the future. • EB queried if water was being used for the drilling next week and claimed that Boral was still doing 'dry drilling' • RK advised that water was being used for drilling and explained the drilling process and in response to a query, advised that water was being used from the watering cart that operated on site • EB was not convinced about the use of water at all times and advise he would take photos next time he believed that water was not being used and provide these to Boral staff. • KT asked TW to issue staff with a directive, instructing them to use water when drilling. • TW confirmed that he will reinforce the continued use of water being used for drilling with Quarry staff. • FS asked about what was happening at the Lorenzin site • TW advised that while Boral has a 'historic' mining lease within the 		<p>TW to reinforce the practice of using water when drilling to all quarry personnel</p>

<p>development, there is no intention to quarry this area.</p> <ul style="list-style-type: none"> • JV advised that the area was mostly in the City of Marion, but a small part was in the City of Holdfast Bay. While the current owner has sought ministerial approval to proceed to investigations with a view to have the land re-zoned, Council has not received any communication that the Minister was considering this request. • TW tabled the air blasting and vibration results and advised that Boral's aim for a 3mm/ sec blast has in the main been achieved. He went on to advise that by lowering the levels, the length of the blast shots are extended which may result in human disturbance. • EB asked how multiple firings were tracked. • RK advised that all firings are recorded, but that the scale graph shows the 'maximum level' blast. • EB also queried why the exact dates / times of blasts were not included on the scale graph. • TW explained that the scale graph did accurately record the blasts, but the dates at the bottom of the scale may not line up exactly with the recording on the graph. • A discussion regarding how the air blasting and vibration results would best be presented to residents occurred. JWG representatives identified that it would be useful for information about the exact date and time of blastings to be provided so that they can better respond to resident queries. • TW agreed that in future, bi-monthly tables with this information will be prepared in addition to the scale graphs. • TW also advised that this information would be put onto the Linwood Quarry website, and regularly updated. Boral will aim to update the blasting results on a monthly basis. 		<p>TW to produce and publish on the website bi-monthly blasting result tables with dates and times of blastings.</p> <p>TW to ensure that the tables are updated on a regular basis.</p>
Dust Monitoring	Updates on Linwood Quarry	
	<ul style="list-style-type: none"> • TW tabled the dust monitoring results for the past 12 months period • JH asked if the EPA has done monitoring at the Brokenshire's property • TW and NE advised that PIRSA with the assistance of a final year student was undertaking a dust monitoring study to develop an industry stand in relation to nuisance dust. • In response to whether EPA or PIRSA is doing the dust monitoring, NE advised that both agencies collaborate in this area. 	<p>TW to raise with EPA dust monitoring results at Brokenshire property</p>
Quarry Rehabilitation Update and Plan		
	<ul style="list-style-type: none"> • TW tabled a preliminary proposal which showed Boral's intent on building mounds in 3 – 4 areas, with each mound being planted out. • TW advised that the interest was to thicken vegetation at the Perry Barry Road end of the quarry. • This proposal received unanimous support, and TW was asked to get this underway as soon as possible. 	

	<ul style="list-style-type: none"> • TW advised that as the plantings at Perry Barr Road end would be on Sheidow land he will take a formal proposal to the Sheidows, requesting permission for Boral to proceed. • JH asked why the overburden mound had grown so much, stating it was an eyesore and of concern to local residents. • TW advised that progress had been made to improve the look of the mound with the focus of work in the front, but that more work on the back of the mound was required. • Concern was expressed by JWG resident representatives that when the weather dries up, dust generation will be an issue. • Dead trees near Jervois Terrace were also identified and a general tidy up of the area noted. • TW advised that he would take a look at the overburden mound and area near Jervois Terrace with a view to make improvements. 	<p>TW to take formal planting proposal to Sheidow Family</p> <p>TW to investigate further improvements to the overburden mound and removal of dead trees near Jervois Terrace</p>
<p>Stormwater and water Recycling Project</p>		
	<ul style="list-style-type: none"> • TW tabled pictures of what work has been done to date and is continuing to liaise with Council in the re-use of water. • FS said that flooding on Schofield Road after an hour of rain was prominent and asked JV if the new road on the Lorenzin site could be a cause of the flooding. • TW advised that this issue was outside the scope of Linwood Quarry and JV agreed to investigate and advise FS outside this meeting. 	
<p>5</p>	<p>Other Business</p>	
	<p>a/ Public meeting minutes and additional information</p> <ul style="list-style-type: none"> • TW tabled the public meeting minutes and package of information at the meeting advising JWG that due to the amount of information/size of the information package he did not want to send out the meetings without seeking advice from the JWG as to the most appropriate method. • It was agreed that TW would send out a hardcopy of the minutes only to all those who attended the last public meeting and including all JWG representatives, with a covering note that the full information package is available on the Linwood Quarry website and hard copies of this additional information would be provided on request. <p>b/ Dust samples</p> <ul style="list-style-type: none"> • FS advised that results of an XRD test undertaken on an independently collected dust sample in May 2010 indicates a level of quartzite and size of particles that are of some immediate concern to residents. She asked that the EPA and PIRSA investigate these results as a matter of urgency. • It was agreed that all JWG representatives will treat this information on a confidential basis, pending the outcomes of the EPA/PIRSA investigations. 	<p>TW to send out minutes only, with all other information put onto the website</p> <p>PIRSA / EPA to undertake immediate investigations regarding the dust sample results and report back to TW and JWG representatives as soon as the investigation is completed.</p>

LINWOOD – HALLETT COVE & MARINO JOINT WORKING GROUP MEETING
WEDNESDAY 18 August 2010 ATTENDANCE RECORD

<u>NAME</u>	<u>REPRESENTING</u>
Ken Turnbull (KT)	Hallett Cove residents
Ed Benesh (EB)	Hallett Cove residents
John Hywood (JH)	Hallett Cove residents
Colin Waterman (CW)	Hallett Cove residents
Fran Southern (FS)	Marino residents
Beryl Hall (BH)	Marino residents
Kay Daw (KD)	Marino residents
Nicole Edkins (NE)	PIRSA
John Valentine (JV)	City of Marion
Tony Ward (TW)	Boral
Rodney Kozem (RK)	Boral
Kath Moore (KM)	Minute taker