

**LINWOOD QUARRY –
HALLETT COVE & MARINO JOINT WORKING GROUP
MEETING MINUTES 17 FEBRUARY 2010**

Present: Fourteen people attended the meeting (list attached)

Apologies: Fran and Dennis Southern, John Valentine, Colin Waterman, Tracey Hywood, Paul Whiffen

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 – 19 August 2009	
	<ul style="list-style-type: none"> • TW went through the minutes of the last meeting. • TW advised that he addressed the issue of the buffer zone in the community newsletter and at the November public meeting. He clarified that Boral had the right to go to the Perry Barr Road boundary, but there are no plans to expand further south at this time. • TW also advised that there was the potential to go further east but this would require a new mining lease and consultation with several landowners. • KT queried how for how long a period would Boral have to mine in the east? • TW replied that there was between 5 – 10 years at the southern end and it is unknown at this stage, at the northern end • General discussion occurred regarding future mining locations and lease arrangements. • Resident representatives at the meeting stressed that a key concern was where and the extent of quarrying to take place and asked that Boral be more specific about these details. 	
	<ul style="list-style-type: none"> • AB advised he had not been advised of any blasting notifications. • AS to ensure AB's details are added to the blasting notification list • EB stated that the noise/vibration calculations were rounded down and did not exactly match Orica's data • EB also advised that on the 9th September that 109 holes were created during the blast which was well above the 60 holes target. • TW advised that Orica has to meet set limits but that he wasn't going to prescribe the exact number of holes. The overall target i.e. reduced vibration / noise results was the key aim and depending on different existing conditions, a greater number of holes may be required. 	AS to add Alan Brokenshire's details to the blasting notification list
	<ul style="list-style-type: none"> • TW advised that the tree replenishment plans and rehabilitation plans were an outstanding actions to discuss at the next joint working group meeting 	Tree replenishment and

		rehabilitation plans to be deferred to the next Joint Working Group meeting in August 2010
	<ul style="list-style-type: none"> It was agreed by all that all actions and minutes should be formally received and seconded. Minutes of the 19th August 2009 meeting – MOVED by E. Benesh and SECONDED by K. Turnbull 	
3	Joint Working Group Nominations	
	<ul style="list-style-type: none"> TW went through the list of Joint Working Group nominations and confirmed the following people on the working group as of February 2010 were: <ul style="list-style-type: none"> Hallett Cove resident representatives <ul style="list-style-type: none"> Ken Turnbull, Ed Benesh, John and Tracey Hywood Colin Waterman and Bronte Newman (proxies) Marino Resident representatives <ul style="list-style-type: none"> Fran and Dennis Southern, Alan and Glenys Brokenshire Beryl Hall and Kay Daw (proxies) <u>PIRSA</u> <ul style="list-style-type: none"> Nicole Edkins TBA (proxy) <u>EPA</u> <ul style="list-style-type: none"> Daniel Radulovic Rob Lyons (proxy) <u>CITY OF MARION</u> <ul style="list-style-type: none"> John Valentine TBA (proxy) <u>BORAL</u> <ul style="list-style-type: none"> Tony Ward Ashley Spain Paul Whiffen 	
4	Communication Plan for Linwood Quarry	
	<ul style="list-style-type: none"> KM tabled a one page communication plan progress report. The distribution of the next Community Newsletter in April was discussed with residents expressing their unhappiness at the poor distribution result and questioned the reasons behind this result. KM advised that an experienced distribution company with experience had been selected by the printing company and that complaints by working group members had been followed up with a distribution check by the company who confirmed distribution to all areas had occurred. TW asked the Joint Working Group members for ideas as to their preferred distribution method for the next newsletter. After some discussion about different methods, it was agreed that another distribution company would be sought directly by Boral for 	TW/KM to source a new distribution company and ensure quality control checks are in place to improve distribution results for the April newsletter

<p>the next newsletter and that quality control checks would be put into place to improve the distribution rate.</p> <ul style="list-style-type: none"> • It was also agreed that public meetings would continue to be promoted in community newsletters in addition to an advertisement being placed in the local Messenger and the dates being made available on the website. • EB queried whether the times of the Joint Working Group meetings were suitable to members needs. A decision was made to maintain the 5.30pm Joint Working Group meeting time and 7.00pm Public Meeting times. • KM advised that a review of the Linwood Quarry website had commenced and would progressively be updated over the next six months. The first section to be updated was planned to include the home page and a rewrite of the Community Involvement page. A draft framework for the proposed changes was tabled during the discussion. • EB requested that the Linwood Quarry website link be emailed to Joint Working Group members so that they could save this as a 'favourites' link and gain ongoing easy access to the webpage. • TW advised that the proposed website changes would need to get corporate approval and confirmed his support to ongoing website improvements. • TW advised that the date for the Community Open Day is still to be confirmed. A date in late April or early May on either a Saturday or Sunday afternoon was being considered. Once a date has been chosen Joint Working Group members will be advised and the date promoted via the newsletter and local newspaper advertisement. 	<p>KM to send an email link to the Linwood Quarry website to JWG members</p> <p>TW to confirm date for the Community Open Day and promote the event.</p>		
<table border="1"> <tr> <td data-bbox="193 1182 416 1285"> <p>4 Blasting Action Plan</p> </td> <td data-bbox="416 1182 1155 1285"> <p>Updates on Linwood Quarry</p> </td> </tr> </table>	<p>4 Blasting Action Plan</p>	<p>Updates on Linwood Quarry</p>	
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<ul style="list-style-type: none"> • A query was raised as to when the last monitoring reading was conducted by PIRSA? • NE advised that PIRSA's last reading was taken approx. 6 months ago and that regular monitoring of the calibration from the blasting will be occurring on a regular basis in future months • A query regarding frequency of monitoring was raised. • NE advised that PIRSA currently monitors blasting every two weeks (approx) and that Boral only needs to provide 2 days notice to arrange. • TW advised that he was happy to work with PIRSA to accommodate their monitoring requirements. • EB asked for the date / station of the last PIRSA blasting monitoring check. • NE advised that she would find out and respond at the next JWG meeting • TW went through the Air Blasting and Vibration Summary for the past 12 months period (Feb 09 – Feb 10) • TW advised that the 3millimetre reduction in the vibration reading was well below statutory limits and that Boral would continue to work with Orica to endeavour to improve on this result. • TW advised that the air blasting results of 105 decibels achieved 	<p>NE from PIRSA to provide details of last PIRSA monitoring date/place at the next JWG meeting.</p>		

<p>was also a reduction on the 115 decibels average.</p> <ul style="list-style-type: none"> • TW also advised that it was the goal of Boral to achieve a reduction in readings from each short in every position of the quarry. Ongoing work with Orica will continue to achieve this goal and that from current observations, it would appear that the smaller the blast hole the greater the number of holes shot and a decrease in the vibration and air blast results. • KT advised that while it was pleasing to see Boral make an effort in this direction, a 3 millimetre blast result still shook his house and resulted in structural damage (ceiling drop /cornice opening) • JH asked why the December reading of 2mm couldn't be achieved all of the time at the quarry. • AS advised that the blast result depends on the position of the shot and how quickly Boral can pick the materials off the ground. • TW also added that blasting is not precise and that the rock formation and location influences the blast. • TW advised that Boral was aiming to work towards a 3mm per sec blast result at the boundary • KT and BN advised that today's blast was totally different from anything previously experienced. • EB asked PIRSA what was the Australian Standards for blasting limits • NE advised that it was 133 decibels was the limit which applied to foundation sensitive sites and that 19mm per sec was the minimum set for when commencement of structural damage may occur. • TW advised that based on these figures Boral's results at Linwood are well below the limits set for causing structural damage to dwellings. 	
<p>Dust Monitoring</p>	<p>Updates on Linwood Quarry continued...</p>
<ul style="list-style-type: none"> • TW tabled the dust monitoring results for the past 12 months period which demonstrated that the readings were well below the set limit. • TW also advised that the readings from the Dustrack monitor did not meet the EPA standards and Boral would continue to work with the EPA to find a different mechanism to record dust results. • A query as to where the dust was coming from was raised? • TW advised that the dust was probably coming from the stock piles. • RL from the EPA advised that the EPA was looking to lower the limit of the 'live' dust monitoring system. • TW acknowledged that dust management was still an issue which requires more work to measure and effectively contain and that Boral was committed to work with the EPA to improve the results. • KT asked why the EPA hasn't gotten back with a response as to the composition of the grey dust sample that he submitted at the public meeting in November 2009. • RL described EPA's Assessment of Environmental Harm Process and said that the EPA was currently working with Boral to collate all the data for review prior to analysing the data and making a final assessment. He explained that while the sample was provided the origin was unknown and more data was needed to substantiate it was a quarry sample. 	<p>EPA to have results at the next public meeting</p>

<ul style="list-style-type: none"> • A request was made for EPA to approach the City of Marion requiring them to take on more frequent street sweeping action at the quarry entrance. • RL advised that if the origin of the issue was related to quarry practices then Boral had responsibility to find a solution. 		
Stormwater and water Recycling Project		
<ul style="list-style-type: none"> • TW advised that this was progressing with Council and a draft agreement was being prepared. 		
6	Other Business	
<ul style="list-style-type: none"> • KM advised that she would contact KT and FS as the Hallett Cove to advise who they wished to nominate as key contacts on the Linwood Quarry website for community enquiries regarding the Linwood Quarry. 		KM to seek contact details of JWG representatives to include on the Linwood Quarry website.

LINWOOD – HALLETT COVE & MARINO JOINT WORKING GROUP MEETING
WEDNESDAY 17 February 2010 ATTENDANCE RECORD

<u>NAME</u>	<u>REPRESENTING</u>	<u>EMAIL / PHONE</u>
Ken Turnbull (KT)	Hallett Cove residents	Kturnbull@live.com.au
E. Benesh (EB)	Hallett Cove residents	beneshe@adam.com.au
John Hywood (JH)_	Hallett Cove residents	Hywood20@bigpond.com.au
Bronte Newman (BN)	Hallett Cove residents	
Glenys and Alan Brokenshire (GB and AB)	Marino residents	
Beryl Hall (BH)	Marino residents	berill@bigpond.com
Kay Daw (KD)	Marino residents	kikadaw@gmail.com
Nicole Edkins (NE)	PIRSA	
Daniel Radulovic (DR)	EPA	
Rob Lyons (RL)	EPA	
Tony Ward (TW) and Ashley Spain (AS)	Boral representatives	
Kath Moore (KM)	Minute taker	