

Linwood Quarry

Joint working group meeting minutes – November 2018

Hallett Cove Civic Centre, Room 3

22 November, 2018

Present:

Andy Baker, Boral (AB)

Scott Retallick, Boral (SR)

Wendy Xia, Boral (WX)

Mark Stewart, Department for Energy and Mining (MS)

Terry Menadue, Department for Energy and Mining (TM)

Greg Tyczenko, Environment Protection Authority (GT)

Dr Monika Nitschke, SA Health (MN)

Colin Waterman, Hallett Cove (CW)

Ken Turnbull, Hallett Cove (KT)

Michael Rettke, Hallett Cove (MR)

Fran Southern, Marino (FR)

Beryl Hall, 5049 Coastal Community (BH)

Tim Gard, City of Marion (TG)

Agenda

Item 1: Welcome and apologies	
<p>Notes:</p> <ul style="list-style-type: none"> • Introductions from new/guest attendees Dr Monika Nitschke and Terry Menadue. 	<p>Actions:</p> <p>N/A</p>
Item 2: Actions from last meeting 12 Jul, 2018	
<p>Notes:</p> <ul style="list-style-type: none"> • SR noted that no action had yet been taken on moving the monitor in Fielders Way, will need further discussions with KT and Trudy Sibly (TS) to finalise before DEM letter to be drafted. • SR remarks that hydroseeding progression to be discussed later in presentation. Presentation includes photos. • SR confirmed that salinity report had been sent through to MR. Report had not been sent to GT, SR will follow-up. • CW commented that the western stockpile had not been removed. SR confirms that there have been discussions with sales to try and remove; unfortunately there is not a current market demand for the aggregate in the stockpile at the moment. SR confirms that there have been no new additions to stockpile in last 12 months and will continue to not add to it. FS asks if there is anything that can be put on top, remarks that Western Australia uses a compound on top of its stockpiles at Barrow Island and Perth Airport. SR asks if the issue is 	<p>Actions:</p> <p>SR to discuss relocation of monitor in Fielders Way with KT and (TS)</p> <p>SR to send GT report on salinity levels.</p>



<p>visual amenity or dust, CW confirms that it is both. SR comments that it is an aggregate and there should not be dust coming from the stockpile. TG asks if Boral has an understanding of how long it will take for the stockpile to deplete, if it is to be there a while, asks if Boral investigate a solution. SR confirms that Boral has investigated a solution previously, but that they were not suited to aggregates. MT asks how big the stockpile is, SR confirms that it is about 60K Tonne.</p>	<p>AB to determine if the stockpile is creating the dust issue identified by CW.</p> <p>SR to investigate WA and other solutions for stockpile.</p>
<p>Item 3: Quarry operations update</p>	
<p>Notes:</p> <ul style="list-style-type: none"> SR comments that market conditions have been consistent, but down compared to last financial year. Two new local projects have been secured, local market still key for Linwood. SR presented hydroseeding photos on the two benches, grass is growing well despite some recent hot weather. Good rain at the moment, so the plants are looking good. 	<p>Actions:</p> <p>N/A</p>
<p>Item 4: Planning update</p>	
<p>Notes:</p> <ul style="list-style-type: none"> Haul road: AB confirmed that concept plans for the new haul road have now been approved by DPTI, Boral is currently tendering with contractors to provide pricing on the build. AB is hopeful that Boral will receive tenders in the next week, and a contractor will be awarded before end of year. FS asks if the developers are paying for the road. AB confirms that the cost of building the road is being split between Gasparin and Boral. AB adds that he expects that works will begin early in 2019, and that the works will be broken into two main sections , though may not necessarily be awarded to two contractors. TG asks if an agreement on how to split the cost between Gasparin and Boral has been reached. AB confirms that a handshake agreement has been reached, and that a scope of works have been agreed on. Eastern extension: AB confirms that consultants Groundwork Plus have finalised the documents for the Mining Lease Proposal. The proposal was submitted to Boral on 2 November. After an internal review Boral has returned the document to Groundwork plus for finalising, AB remarks that Boral is hoping to get the document to DEM by mid-December. Boral understands that government agency consultation will kick off when DEM receives the proposal, and that 	<p>Actions:</p>



statutory community consultation will likely now be in early 2019 and will not be across Christmas. MS adds that PT will be available to speak on the proposal if/when DEM receives it, and that DEM was open to hosting a meeting with interested parties if there were questions. MR asks if DEM will notify neighbours with a letter drop when consultation begins, is concerned that neighbours will not find out about the consultation. MS confirms that standard requirements are legislated and that notifications will go out in the local paper and online. MR expresses concern that this will not reach enough people, and questions the reach of the local paper, asks if there will be a letter drop. MS responds that a letter drop is not mandated in the minimum requirements that are legislated. WX adds that news of Boral's proposed eastern expansion has been included in the last few Boral newsletter letter drops. FS expresses concern that Seacliff Park is not included in Boral's neighbourhood newsletter. WX confirms that Boral is working on a December newsletter and can add a review of the boundaries of the letter-drop for the next edition. TG comments that if Boral were to let local elected representatives know about the consultation, they may be able to include a message in their own communication channels, e.g. local state member's newsletter and council newsletter. MR requests that Boral and DEM review actions around notifying relevant stakeholders regarding official consultation period.

- **Drop in sessions feedback:** AB gives summary of July drop in sessions, adds that Boral recently won a CCAA industry award for community leadership for the 2017 drop in sessions, thanks the JWG for their continual support and feedback. CW asks if more detail on the feedback received from the drop in sessions could be distributed. SR confirms that details have been included in the Mining Lease Proposal that will be submitted to DEM and put on public consultation.
- CW reads statement from local state member David Speirs regarding pre-election commitments to the area. FS adds that she has spoken to the local member and is aware that there has been a meeting between Minister Speirs and Boral since he was elected. AB confirms the meeting.
- AB shares that one of the key concerns from the drop in sessions were the visuals on the Linwood site. Confirms that Boral has investigated tree-planting on an earthen bund, on the Southern end of the quarry adjacent to Perry Barr Rd, to create better visual amenity and increase the survival rate of the trees. Due to the Mining Act,

WX/AB to review current newsletter letter-drop boundaries and look to add Seacliff Park in catchment.

WX to notify elected representatives that consultation on mining proposal has begun.

MS and Boral to review most effective community notification actions once proposal is received.

WX to bring detail on feedback forms received in July drop in sessions.



<p>Boral will only be able to create the bund if 114 properties within a 400m radius of the mineral claim sign a waiver of exemption, if one neighbour declines, Boral will not be able to create the bund, in which case Boral will plant the trees into the natural earth which comprises of soil/stone and not ideal for optimum survival rate conditions. MS confirms that the waiver, which Boral will draft, will waive the property's rights to object on very specific items. AB confirms that Boral will make an approach to the neighbours regarding the issue, and see if they can be convinced. AB asks if the JWG thinks that Boral should include a notice in the next newsletter. TG comment that Boral should target only the effected neighbours, MS and FS agree.</p> <ul style="list-style-type: none"> • MR asks question on traffic and if DPTI has considered impact of haul road on nearby roads. AB confirms that DPTI considers current and future traffic impacts, but that this is out of scope of Boral's control. • TG and CW discussion on potential north-south road connector/corridor. 	
---	--

Item 5: SA Health presentation

<p>Notes:</p> <ul style="list-style-type: none"> • Presentation from Dr Monika Nitschke from SA Health. • MN presentation on dust, topics included: <ul style="list-style-type: none"> • Types of dust particles • Origins of dust, coarse and fine • Larger than PM10 is blocked, relevant pathways into body for smaller particles • Historic knowledge of the impact of dust • How current health services calculate risk of exposure in terms of 'relative risk' • Health effects of air pollution exposure in whole of Adelaide over seven years • Types of intervention and reductions to reduce dust • EPA results and Boral monitors • FS asks MN if there are statistics on PM2.5, MN remarks that not with her today in the presentation, but that she is happy to remark on Boral's results later in the presentation if needed. GT adds that the EPA does have PM2.5 monitors closer to the CBD. TM remarks that he thinks they are at Netley and the CBD. • MN remarks that on comparison of averages, Boral's Linwood monitors were showing similar levels to the EPA monitors at Christies 	<p>Actions:</p> <p>MN to send WX health study. WX to then send to JWG.</p>
---	--



<p>Beach and that spikes at the two sites were in line, adds that there were some local spikes. In summer Linwood had higher readers, and in winter Christies had higher readings.</p> <ul style="list-style-type: none"> • MR adds that reports from England should be taken in context. Environment is different in Australia. • TG asks if there are SA studies on traffic impacts on air quality and health. MN confirms that there are studies on air quality, but not corresponding with hospital data. Need 5 years of population higher than 1 million. Statistically, it's very difficult to do in a small city like Adelaide. SA Health has access to studies that were done in Sydney, Melbourne and Perth. • FS presented MN with report from 2012 on particulate size commissioned by the neighbours around Linwood Quarry. MN says that she will have a look but adds a caveat that particulate size would not cover what is in the sample. Also measuring dirt is not the same as measuring air. MN will take it on notice, but there are many ways that data can be interpreted. 	
---	--

Item 6: Environmental update

<p>Notes:</p> <ul style="list-style-type: none"> • SR notes that PM2.5 was very consistent in this reporting period from July's meeting. No exceedances since last JWG. • SR notes that PM10 spikes coincide with wind and weather events. Chart compares with EPA Christie's monitor. When Linwood gets spikes that are too high, the plant gets shut down. Boral is moving to formalise shutdown processes in event of high readings. • FR queries if SR has data on the high winds seen the day prior. SR confirms that the results are in, no exceedances, but have not been included in this report, will bring to next JWG. GT comments that the rain would have acted as a natural suppressant on dust. • SR presents vibrations report. No exceedances, but have received more feedback than usual for the blast on 20 November, the blast recorded 4.5, so under the regulations. SR investigating 20 November blast and why it was felt by such a geographically diverse number of people. AB comments that Boral is blasting a new drop cut, that could be the cause as in an open face blasts the vibrations have somewhere to go. CW asks which bench generates the most complaints. SR confirms that it's not usually the bench but the location. Recently Boral is building a new ramp with the blasts, SR comments that it's about 2/3 done. SR will review the data from the 	<p>Actions:</p>
--	------------------------



<p>last blast and review controls for the next blast.</p>	
<p>Item 7: Other business</p>	
<p>Notes:</p> <ul style="list-style-type: none"> • TG asks if Boral thinks the new road will assist with dust control. SR confirms that this is the expectation. AB confirms that the sweeper will continue to be used on the new road. • GT comments that the EPA will need to review the risks identified with the new operations proposed in the eastern expansion, they will be separate to current operations. MS confirms that DEM and EPA are looking to meet with Boral on improvements. MS remarks that several licences will need to be renewed next year as well, so we will look to work with Boral on items that can be improved. • AB confirms Christmas shutdown last day is 21 Dec, sales to return 2 Jan and rest of team on 9 Jan. KT asks what will happen if there is a dust exceedance at the monitors. AB confirms that alerts have been set and that SR and AB can be notified if there is an exceedance. Plans to soak the site before the holidays to lay a crust, most of the dust comes from trucks on the site, so this will hopefully control that. 	<p>Actions: N/A</p>
<p>Item 8: Meeting close and scheduling of next meeting</p>	
<p>Notes:</p> <ul style="list-style-type: none"> • 16 April, 2019 confirmed for next meeting. 	<p>Actions: N/A</p>