

Boral Cement Berrima Community Liaison Group

Meeting Notes

Date: 5 August 2021

Location: Teams meeting due to COVID restrictions

Attendees: Clive West CLG Member
Andrew Wood CLG Member
Barry Arthur CLG Member – Wingecarribee Shire Council
Gaye White local resident invited guest
Jan Cameron Wingecarribee Shire Council invited guest

Boral Attendees:

Greg Johnson Environment & Sustainability Manager Cement
Garbriel Paicu Operations Manager Berrima Cement Works
Adnan Voloder Planning Manager
Jenny Smillie Stakeholder Engagement Manager

Apologies: Dean Beltrame, Site Manager Berrima Cement Works

Distribution: All attendees
Boral website (Berrima Cement Works)

Disclaimer: These notes were taken from presentation/s and conversations held during the meeting. This content aims to provide a summary of the proceedings, but does not capture exact dialogue, unless specifically minuted as such. Meeting notes remain draft until confirmed by members at a following meeting.

Meeting Commenced: 2.00pm

Welcome, administration and safety moment

- Jenny Smillie welcomed the group to the meeting and made introductions. Gaye White is a member of Win Zero and is interested in the Berrima Cement Works / CLG activities, Jan Cameron is the Economic Development Manager at Wingecarribee Shire Council and is interested in learning more about Boral's operations in the region.
- Clive West gave the Acknowledgement to Country.

- Adnan Voloder shared a safety moment: due to COVID restrictions and everyone working from home, Adnan advised it is prudent to check the ergonomic set up of the home office (and how you sit at the desk) to mitigate possible neck and back injuries.
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Action Items

- Jenny Smillie discussed Action Items from previous meeting (10 December 2020) and status:
 1. Provide cleaning of solar panels information to interested residents - COMPLETE
 2. Discuss Boral's view regarding habitat corridor proposal with BRA - COMPLETE
 3. Arrange visit to site regarding habitat corridor alternatives - PENDING
 4. Facilitate access to Boral-owned land in Remembrance Driveway Grove for tree inventory – AWAITING DATE FROM BRA.
 5. Nominate Boral representative to Remembrance Driveway Grove Management Committee – AWAITING INVITATION.
 6. Share information regarding Boral's environmental product disclosures with CLG - COMPLETE
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Other matters arising and apologies for this meeting

- No other matters arising
 - Jenny Smillie gave an apology for Dean Beltrame, Site Manager Berrima Cement Works
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Operations Update

- Gabriel Paicu gave an update regarding operations:
ZERO HARM
- No serious injuries or harm to people, 4 minor medical treatments
- Shutdown in June for planned kiln maintenance
- COVID safe control plans in place and business continuity plans in place
ONE – People, customer, community
- 10 new people appointed over past 6 months, including 2 apprentices
- Southern Highlands Enterprise Agreement due for renewal and negotiations progressing
- Continue to liaise with local community
- Continual improvement to nuisance dust controls including upgrades to dust collectors, improvements to building ventilation systems, sealing buildings and routine cleaning of plant areas and roadways
- Electro-static precipitator dust trips from kiln pre-heater stack has been improved

TEN Operational performance

- Total clinker production for FY21 1.31 Mt. Grey clinker 1.25Mt, Off white clinker 63kt.

- Major planned shutdown in March successfully completed
 - Solid Waste Derived Fuels (SWDF) usage slower than budgeted primarily due to supply constraints during COVID restrictions in Sydney region
 - DPIE granted approval earlier in the year for construction of chlorine bypass system. This is a further significant investment in the long-term road map to increase usage of SWDF.
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Environmental Overview

- Greg Johnson gave an Environmental Update including:
 - 2021 Annual Environmental Management Review (May 2020 – April 2021) was submitted to DPIE in June 2021, a full report is available on the website.
 - Management Plans are required to be updated every 3 years or after any modifications or changes to the EPL.
 - Boral reviewed OEMP, and Air Quality Management Plan and Noise Management Plan to reflect Mod 11 and 12 to the consent and changes to the EPI – approved by Dept June 2020.
 - Boral will shortly undertake another review to reflect Mod 13 which included Chlorine By-Pass and approval to consume fire impacted plantation forestry woodchips as a standard fuel. Updated OEMP is on website.
 - Clive West asked Greg to further explain what fuels are approved to be used to operate the kiln. Greg explained break down of fuels – 30% thermal, 60% calcination fuels and 10% electricity. Greg further explained how Boral is targeting fuel usage to reduce carbon emissions and how SWDF is assisting in achieving this goal.
 - Monitoring – Air Quality Management – two stack tests undertaken during reporting period were both compliant, real-time monitoring of stack continues – compliant during period.
 - Explanation of Dust Deposition trends May 2017 – May 2021
 - Explanation of Air Quality Management – Ambient Air Monitoring Program
 - Greg explained the challenges of operating with SWDF, re capped Mod 13 and further explained that to run the operations more efficiently and sustainably Boral is now seeking Mod 14 with lodgement expected late 2021.
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Solid Waste Derived Fuels (SWDF) and Planning

- Adnan Voloder gave an overview of Mod 14:
- Expansion to current storage and handling facilities at the site & feeding infrastructure
- An increase of truck deliveries and hours
- Increase consumption of SWDF materials within the kiln (increase to the tonnes per annum limitations for specific fuel types)
- Construct an alternative haulage access road through the site
- Construct an additional site access
- Adnan further explained:

- Environmental benefits – reduce the site's reliance on coal – less carbon emissions - diverting up to 250,000 tonnes per year solid waste materials from landfill and 150,000 tonnes of woodchip materials.
- traffic changes - minor increase in total trucks (6% overall for the site) but a significant reduction (approximately 20%) of heavy vehicle movements along Taylor Avenue is proposed as movements will be split between existing access and new access.
- traffic improvements expected - removal of current restrictions (6am-6pm Mon-Fri, 7am-1pm Sat) and request for unrestricted delivery times to allow for more consistent operations. This more dispersed delivery program will be reflected in the traffic impact assessment submitted.
- Adnan shared images of the proposed roads and further explained degree of impact on the local community.
- Clive West asked if the proposed roads will affect Remembrance Drive. Adnan explained Boral is aware of the significance of Remembrance Drive and this would be factored into the planning of the new road. Greg added Boral is showing the CLG this concept today and that full community consultation will be undertaken when the detailed design is done.
- Adnan gave a summary of the various reports required for the Modification including Air Quality and odour, Greenhouse gas, AKF5 Feed Variation, visual impacts and explained the land use zone is IN3 thus the proposed modification remains entirely consistent with land use definitions applicable to existing operations on the site.
- Barry Arthur asked if he could see the reports and Adnan confirmed he will send the reports to him.
- Greg further explained AKF5 – use of tyres and associated low emission rates and no visible output from the stack. He further explained how the air quality study would address these issues, also how Boral is investigating different ways to feed AKF5 into the kiln and current federal legislation regarding banning export of tyres.
- Barry Arthur asked about the pilot carbon capture program and if this would be factored into the Modification. Greg confirmed the federal grant was awarded in late June and Boral is awaiting more detailed information regarding how to include this in applications.
- Greg further explained that by the November Whole of Community meeting the team expects to have more information to share on this topic.

Other Planning Matters

- Adnan gave an update on the **Berrima Colliery – Water Treatment System**.
- The long-term solution was explained covering how Boral intends to treat water at the site then pipe a large proportion to Berrima Cement Works with the balance to be discharged into the Wingecarribee River. Greg explained the pipeline will run along the former railway easement and approvals will be sought to install pipeline under the road.
- Adnan further explained the approval pathway and first steps of the project.
- Barry Arthur asked about the location of the pipeline and the entrance of the proposed new internal road. Adnan confirm this would be considered as part of the detailed design.
- Greg mentioned the Colliery website was a good information source.
- Adnan gave an update on the **Concrete Batching Plant proposal**.

- Adnan explained Boral is finalising the scoping document and the proposal will soon go to Council and the community for input.
- Adnan explained how the new internal road and the new site access to Old Hume Highway will assist in lessening traffic impacts to Taylor Avenue and New Berrima community.
- Adnan explained the proposal will go to Council's planning team and offered to send a copy to Barry Arthur as FYI. Barry advised he would like to be cc'd and confirmed the decision was handled by the planning team.
- Barry Arthur asked if the SWDF fuels are coming from Sydney via Hume Highway and thus impacting roads in local area? Greg explained there is a range of suppliers situated both north and south of the site so impacts to local traffic will vary and this will be monitored. Greg added it is in Boral's interest from a sustainability point of view to work with local suppliers.
- Clive West asked if there was an existing batch plant at the site or if this was new. Greg explained the DA is for a new plant and it will be located in the least intrusive location on the site footprint. Adnan displayed a Google map and indicated the proposed roads and proposed location of the batch plant. Adnan explained how the proposed roads would mitigate traffic impacts on the local community.
- Andrew Wood asked if the site is receiving ISO tank containers via rail as discussed in a previous CLG meeting. Gabriel confirmed the site is receiving 3 trains per week, commenced October last year and is working very well.

General Business

- Barry Arthur advised Jan Cameron had to leave the meeting at 3pm. Barry asked on Jan's behalf if Boral is connected to ICN Gateway to access local suppliers? The Boral team advised would discuss with the procurement team and provide an update.
- Clive West asked if Boral had considered the offer from National Parks & Wildlife and Department of Environment regarding a Habitat Corridor. Jenny responded that as the site is currently undergoing master planning, the original location discussed at previous meetings is not feasible. Jenny advised Boral is still keen to work with the community on a similar type of initiative and next step would be for Clive to meet with Dean Beltrame on site (post COVID restrictions) to discuss alternatives.
- Jenny advised the Whole of Community meeting is booked for Tuesday 30 November, 5.30pm at Mittagong RSL. Invitation to the event would be sent out approximately one month prior.

3.10pm Jenny concluded the meeting and thanked everyone for attending.

Action Items Arising From Meeting

Action No.	Details	Responsibility	Due
1.	Arrange for Clive West to visit site re Habitat Corridor alternatives	JS/DB	Sept - Oct

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| 2. Facilitate access for tree inventory project on Remembrance Drive | BRA | Pending |
| 3. Nominate Boral representative for Remembrance Drive Mgt Com. | BRA | Pending |
| 4. Send SEARS assessment reports re Mod 14 to Barry Arthur | AV | when finalised |
| 5. Send copy of Concrete Batching Plant proposal to Barry Arthur | AV | when finalised |
| 6. Find out if Boral is connected to ICN Gateway, advise Jan Cameron | JS | Sept |