

Boral Cement Berrima Community Liaison Group Meeting Notes

Meeting Date:	27 June 2019
Meeting Location:	Yadwad-Strode Conference Room, Berrima Cement Works
CLG Member Attendees:	Andrew Wood (New Berrima representative) Clive West (On behalf of the Berrima Residents Association) John Barrett (Burradoo/BRA representative) Barry Arthur (Wingecarribee Shire Council)
Boral Attendees:	Dean Beltrame (Acting Operations Manager, Berrima Cement) Greg Johnson (Environment & Sustainability Manager, Boral Cement) Paul Jackson (Stakeholder Relations Manager, Boral Land & Property) (Chair)
Apologies:	Nil
Distribution:	All attendees Boral Cement Berrima website (www.boral.com.au/berrimacement)
Disclaimer:	<i>These notes are taken from presentations and conversations which formed part of this meeting. The content of this document, while reflecting an accurate summary of proceedings, should not be taken to represent exact dialogue unless specifically minuted as such.</i> <i>Meeting notes remain draft until confirmed by members at a following meeting.</i>

Meeting Item	Description
Meeting commenced	13:06
Welcome and agenda review	As this was the first session of the re-constituted Boral Cement Berrima Community Liaison Group (CLG), all attending were asked to introduce themselves and outline the interests they were representing. Attendees were informed the day's meeting agenda had been framed to start familiarising members with both the purpose and function of the CLG, as well as basic Cement Works production processes and activities. Members were also introduced to the concept of a 'safety moment', a feature of all meetings at Boral designed to encourage the sharing of experiences with and learnings from safety-related situations.
CLG purpose and administration	The CLG is a required component of the State Government planning and consent for Kiln 6 by which the Cement Works site is mainly operated. The membership, roles and responsibilities, and administrative arrangements for the CLG as outlined by the consent were shared with the Group.

Members were provided an overview of how the requirement had been met before the 're-forming' of the CLG as a stand-alone forum.

It was explained compliance with the condition between 2011-17 relied upon 'open invitation' meetings to the general community, but that a risk audit and falling attendee numbers had prompted the CLG re-formation.

Complementing the CLG is an annual 'Whole of Community' meeting to which all interested stakeholders are welcome. This is held at the end of each financial year (late July-early August), with the first arranged in 2018.

'Special' WoC meetings are held in the event of a major issue, initiative or changed circumstances at the site. An example was during December 2018 when a 'report back' on the commissioning of the Solid Waste Derived Fuels (SWDF) Project was given.

The various formats of community forums operated by Boral at locations across NSW was explained. It was raised the Berrima CLG's membership and function forms part of the Cement Works' consent rather than being reliant upon outside instruments such as the NSW Department of Planning, Infrastructure and Environment's (DPIE) 2016 Community Consultative Committee (CCC) guidelines.

Three key points were raised in relation to Boral's interaction with its community forums – that the forums have reference and not decision making ability, that the forums are regarded as a key communications channel, and that members are not expected to advocate on Boral's behalf.

The Group was then asked to consider what Terms of Reference (ToRs) would be suitable for the CLG. It was decided that examples of the ToRs in use at other Boral forums be circulated for the information and review of members, as well as the Department's CCC guidelines.

Procedural arrangements for the CLG were then discussed. On the question of a CLG Chair, members indicated satisfaction with **Paul Jackson** occupying the role. It was further agreed by members that the CLG will initially meet on a quarterly basis.

To conclude the discussion, the standing agenda in use during the previous 'open' community meetings was presented and proposed for continuation at CLG sessions. Paul also mentioned the need to have members of the CLG formally endorsed by the DPIE Secretary in line with the requirements of the Kiln 6 consent.

Overview of the Berrima Cement Works

To familiarise CLG members with the basic purpose and function of the Cement Works, an overview of the operations was presented. The history of the site and the iconic infrastructure to which the Cement Works has directly contributed was first mentioned.

Berrima's position in the NSW Cement supply chain was explained alongside other Boral sites at Marulan South and Maldon. An outline of the Cement Works' customers was offered and discussion had about the current site workforce.

Questions arising during this section:

- Does the Cement Works still ‘crush’ clinker here at Berrima?
Yes. Clinker is produced at site and ground within Cement Mill 7. It is also shipped to Maldon for grinding in the facility there.
- What is ‘clinker’?
Clinker is the output when limestone is combined with other elements at very high heat in the kiln. It is then ground with gypsum to create the cement ‘powder’ you can buy from hardware stores.
- Where does the other 40 percent of cement produced in NSW come from?
Up to 60 percent of all cement consumed in NSW and the ACT is manufactured at Berrima. The remaining is generated from imported clinker at facilities located at portside, like the one at Port Kembla.
- How is the Cement Works going with respect to production capacity?
Recent years have seen record amounts of clinker and cement being produced, mainly due to demand from the NSW Government infrastructure program. The site is limited to annual production of 1.56 million tonnes of clinker which Kiln 6 hasn’t yet achieved but has the capability to meet. An increase beyond this capacity would require another major investment in the upgrade of the kiln which is not looking likely at present.

Berrima Cement production process	The CLG was shown a diagram illustrating the basic production process at the Berrima Cement Works from intake of limestone through clinker production to grinding and distribution by road and rail.
Solid Waste Derived Fuels (SWDF) system	<p>Members were then given an overview of the Cement Works’ SWDF system, including a background on the reasons for Boral’s interest in SWDFs, the history of implementing the Project, and the specifics of what SWDFs are and their benefits operationally and environmentally.</p> <p>It was reported to the CLG that 32000 tonnes of SWDFs had been consumed during the second half of 2018, and that the target for the 2019-20 financial year would be 70000 tonnes.</p> <p>In order to achieve this and the eventual currently consented 100 000 tonnes, members were informed of works needing to take place including the current SWDF shed extension and installation of a chloride bypass.</p> <p>It was also mentioned the successful commissioning of the SWDF system had allowed the site to explore other already approved fuels such as HiCal 50. An overview of what HiCal 50 is and how it is used was given, with 15000 tonnes having been imported to the site from the Hunter.</p> <p>It was foreshadowed that when HiCal 50 was last used at Berrima during 2008, planning approval only covered its use in blend with coal during the kiln’s operations, and not as part of ‘start up’ or ‘shut down’. The site is</p>

planning a modification to alter this so HiCal 50 can be utilised throughout production.

Questions arising during this section:

- What guarantee does Boral have that wood waste-derived fuels (WWDF) do not contain any treated products?
Both WWDF and refuse-derived fuels (RDF) are processed to strict specifications by the suppliers. This is not only so they can perform safely and predictably as part of operations – specifications are also designed to comply with Environment Protection Authority (EPA) licensing requirements. The site's heavy metal emissions are monitored on an ongoing basis and have demonstrated very high compliance for many years, with elements such as those associated with treated products occurring at miniscule levels due to the extreme operating temperatures in the kiln.
 - So there are monitoring 'regimes' in place for environmental outputs of the SWDFs?
Yes. These are outlined in the Cement Works' various planning and environmental approvals and were required to be verified by a 'Proof of Performance' trial conducted during the second half of 2018. There were two minor instances of non-compliance during these trials (reported to the Whole of Community meeting on 6 December 2018) which helped shaped learnings and have ensured continued compliance since.
 - How many stack tests are performed at the site and across what period?
There were 11 stack tests performed during the Proof of Performance trial. Over the first year of using SWDF, stack testing will be performed quarterly.
 - Upon arrival today there was a discernable yellow 'belch' of something from the stack. What was it?
We will need to check on what that was.
 - How often does a 'start up' or 'shut down' need to occur?
We plan for at least two a year. It is a lengthy process which takes several days.
 - What is the change required by the DPIE to permit HiCal 50 use in 'start up' and 'shut down'?
Currently our consent only permits the use of 'standard fuels' during 'start up' conditions. As coal is considered a standard fuel and the HiCal 50 can only be added as a fuel when blended with coal, and with no opportunity for a separate feed system, the consent requires modification.
 - How long will you be using the HiCal 50?
We're expecting to use only around 8000 tonnes during a 12 month period. We'll request a three year approval period to cover any variation in usage rates, or to cover if a further supply becomes available.
 - Is the aluminium facility from which you're importing the HiCal 50 a Boral site?
No.
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Environment

An overview was provided of the key environmental approvals and licensing applying to the Berrima Cement Works, and the key documents and plans used to ensure the compliance of the site.

The methodologies used to monitor emissions and outputs were explained, as was the required reporting and how members of the public (including the CLG) can access information at their leisure.

Questions arising during this section:

- What is the status of the monitoring bottle in Australia Avenue?
There is a monitoring bottle on land leased from Council which collects the required data on an ongoing basis. However, we're not aware of any issues pertaining to it or its location. If we could seek clarity through Council as to what the concern is, we'd be appreciative.
- Are the dust monitoring results publicly reported?
Yes. These are a monthly requirement and reported through to the EPA. Locals can view this data on Boral's website by accessing www.boral.com.au/nswpoeladata.

Community

The Cement Works' approach to community engagement and relations was explained, with communications mechanisms outlined and an overview of the Stakeholder Perception Benchmark verification process given.

An outline of the various community initiatives to which Boral voluntarily contributes was offered, while an overhaul of the site's approach to community support was also foreshadowed.

Questions/comments arising during this section:

- The Harper's Mansion Fair is on 29 October and they will be looking for assistance with amenities.
This annual event is one which Boral has been supporting for several years and will do so again in 2019. The request will be processed when received.
 - The Wingecarribee will be celebrating Heritage Month with a focus on Berrima. Highland Tourism is a contact for more information.
Noted.
 - A Memorandum of Understanding is being signed between the Berrima Residents Association (BRA) and the Remembrance Driveway Committee which will allow the BRA to 'take over' the upkeep of the Remembrance Grove along the Old Hume Highway. This incorporates Boral-owned land and land fronting Boral property. The Cement Works is therefore asked to consider dedicating resources to assist with this as required.
Noted. Requests will need to specify assistance sought and align with Boral's community relations requirements and needs at that time.
 - Does Boral own the parcel of land just north of the old rail easement (shown on a map as a separate allotment)?
As shown the subject land appears to be external to Boral's property.
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However, this can be verified with the Boral Land and Property Group.

- The BRA continues to work with Council upon a Landscape 'Master Plan' for the proposed future industrial area to the east of New Berrima, and other surrounding land. A feature will be the establishment of habitat corridors which interconnect between the eastern ranges and the Wingecarribee and Wollondilly Rivers. Land is being identified as suitable for the corridors using mapping and the Boral land which runs along the old railway line to the old highway offers a great opportunity.

Noted. All land owned by Boral across Australia is considered operational and so any improvement or change must be considered in the context of the organisation's and site's future needs. Decisions about this are taken by the Boral Land and Property Group rather than the individual businesses or sites given their stewardship over Boral's land assets.

General Business

A number of items of general business were raised by attendees:

- New Berrima village has been experiencing worsening levels of dust for the past 6-8 months. Most locals are used to experiencing some 'light' levels but recent emissions have been noticeably different. What is happening?

There are some current issues which we are investigating. Recent weather conditions have not been helpful to the situation and we are aware there have been effects upon residents. We're working quickly both to understand what has occurred and resolve it, as well as to assist community members whose vehicles have been impacted by the issues of recent days.

- What is the dust monitoring saying?
The dust monitoring carried out via the bottle system around the village only captures monthly amounts of dust which are then averaged to determine compliance with regulations. These won't assist with resolving the current issues, however we are aware that the site is creating the problems for local residents at present.

- What are the 'levers' which determine the ratio of road and rail transport from the site? What is the capacity of the railway line? Are there issues with its greater usage?

Use of the rail spur and train transport is really only determined by customers and their needs, and where they are located. There are no constraints to our use of the local rail line and across the Boral organisation, rail is a preferred transport method. It really does come down to which mode better meets the individual customer needs.

- Would it be possible to install boom gates at the level crossing on Berrima Road as an interim measure while the new overpass is being built?

The advice that Boral has had previously is that by the time the necessary application and procedures have been followed to have boom gates installed, the overpass will be largely finished. Accordingly, we've opted to await that outcome.

Next Meeting	Thursday 26 September 2019, 2pm
Meeting Close	Approximately 16:00

Action Items Arising From Meeting

Action No.	Details	Responsibility	Due
1	Circulate example Terms of Reference used by other Boral community forums, and the NSW Department of Planning's Community Consultative Committee guidelines, to members for review and consideration	Paul Jackson	With circulation of meeting notes
2	Obtain formal endorsement for CLG members from Department of Planning Secretary per requirement of Kiln 6 consent	Paul Jackson	Next meeting
3	Check what issues were occurring at the site on the date of the CLG meeting which could be linked to the observed yellow dust emission and report back to next meeting	Dean Beltrame Greg Johnson	Next meeting
4	Confirm nature of query from Council (Cr Scandrett) as to the location of the dust monitoring bottle on Australia Avenue	Barry Arthur	Next meeting
5	Assist with identification of land owners for lots adjoining Cement Works but fronting Old Hume Highway (Remembrance Driveway)	Paul Jackson	Next meeting
6	Provide support to Harper's Mansion Fair as requested	Dean Beltrame Madeline Westnidge	29 October 2019
7	Report back to CLG on why dust emission issues appear to have become worse in New Berrima village during the past 6-8 months	Boral	Next meeting