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## **Berrima Cement Works Community Liaison Group Meeting Minutes**

**Thursday 1 December 2022**

**Berrima Cement Works meeting room, Taylor Avenue, New Berrima**

### **ATTENDEES**

#### **Neighbours / Community Representatives**

Clive West, Berrima resident and Berrima Resident Association representative

Dr Eric Savage, Berrima Resident Association

Barry Arthur, Environment Manager, Wingecarribee Shire Council

#### **Boral**

Dean Beltrame, Operations Manager Berrima

Greg Johnson, Environmental Sustainability Manager, Boral Cement

Rachel Snape, Senior Planning and Approvals Manager NSW/ACT

Avneel Datt, Project Manager Innovation

Cameron McArthur, Development Manager Land Property Planning

Kate Woodbridge, Stakeholder Relations Manager Northern Region

#### **Apologies**

Andrew Wood, New Berrima resident

#### **Meeting commenced at 10am**

#### **Operational Update**

##### **Safety**

- Zero harm achieved (no serious incidents).
- Wet weather continues to present hazardous conditions on site in particular with material handling.
- January major shutdown risk assessment and safety management plan review currently in progress.
- The site will be offline for about 20 days with 300-400 contractors on site during that time.

##### **Customer and people**

- No supply or product quality issues.
- Berrima Intermodal operation (cement to VIC) ceased in October with the 2 new grinding mills in Geelong now on line.
- New starters to the team: Chris Durante (senior mechanical engineer), Kazim Syed (process controller), Oscar Lee (fitter), Bronson Vasavalu (fitter), Noah Hallal (electrical apprentice), Mohammed Ali (electrical engineer).
- Current vacancies in progress: Maintenance manager, Maintenance planner, Mechanical apprentice, Process controller.
- Retirements: Paul Smith (shift supervisor), Gana Athreya (electrical engineer), Brett McMahon (shift supervisor), Stuart Davidson (fitter), Gary Guymer (fitter), Mick Gauci (maintenance manager).
- Boral cement southern highlands EA finalised/agreed.



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#### Production

- Clinker and cement volumes similar to last year (~ 1.35Mt & ~ 1Mt respectively).
- Energy costs continue to be a significant head wind (coal & electricity). Value Improvement Projects identified and progressing to assist mitigate these costs (SWDF, GBFS, Cement milling efficiencies).
- SWDF use is progressing well.
- Plant reliability is always an ongoing opportunity to improve costs and we have a cross functional committee which meets weekly with a focus on this.
- The annual planned kiln maintenance shutdown scheduled for early January and the team is currently very busy planning for this.

#### Environmental Updates

- An Independent Annual Non-Standard Fuels Audit is scheduled for November.
- High Rate WW/RDF Proof of Performance Trials submitted to DPE to support our SWDF usage from 40 to 50%.
- Tyre Chip trial approved by EPA and DPIE has been completed. The EPA accepted trial completed as required in consent.
  - Run at up to 4.5t per hour, fed through SWDF conveyor into calciner.
  - No evidence of steel deposited in riser ducts.
  - Stack emission results compliant with licence conditions.
  - Trial results used to support MOD 15 to permit external storage.
  -

#### Management Plan Update

There have been no recent updates.

Future updates to the OEMP and other management plans will be undertaken as required when consent modifications are made with a full review due next April 2023.

#### Environmental monitoring – air quality management

- Our last stack test was undertaken on over 30/6 and 1/7 2022.
- All stack tests YTD have been compliant along with our Continuous Emission Monitoring (CEMs).

Dust monitoring results were all compliant.

Eric asked if hydrogen is being considered at the site. Greg advised that it is included in the strategy for future investigation.

#### Planning Update

Modification 14 – solid waste derived fuels (SWDF)

##### Project Objective

- Increase the volume of SWDF from 100,000tpa to 250,000tpa;
- Expansion of existing SWDF storage and handling facilities;
- Construct an alternate access to the site;
- Additional 13 truck movements per day; and
- Permit 24 hour delivery of materials.

##### Project status & progress

- Modification including Environmental Impact Statement exhibited from 14 to 27 April 2022.
- No community submissions received.



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- Eight (8) agency comments seeking further information to address water & fire management and intersection design.
- Consultants preparing response to submissions.
- Anticipated lodgement December 2022.

Project link [Modification 14 SWDF Increase, Delivery Variation & Site Access | Planning Portal - Department of Planning and Environment \(nsw.gov.au\)](#)

### **Carbon Capture Pilot Plant**

#### Project Objective

- 1 - 3 year trial to research carbon emissions reduction associated with the production/manufacture of clinker;
- Importation of up to 2,000 tonnes of recycled concrete aggregates processed from construction and demolition waste;
- Installation of pre-fabricated plant to trial sequestration of carbon into aggregates & sand;
- Pilot plant trials to focus on optimising temperature, residence time and relative humidity.

#### Project status & progress

- DA application lodged in September;
- Two primary process units procured;(1) Rotary Dryer, (2) Mixer
- Extensive lab trials completed

### **Planned applications**

Ball Mill Consent (DA85-4-2005) – currently on hold

Modification to align noise management conditions of the ball mill consent with approved site wide noise management plan

### **Current Local Matters / Community Issues**

Advertisement for the EOI for the vacant CLG position has been put on the notice board at the post office and will be shared with the Berrima Residents Association.

A community drop-in session was held in Berrima on 26 November to answer questions regarding the proposed pit top treatment and pipeline project from the colliery to the cement works.

### **General Business**

- Habitat corridors along the riparian zones on Boral land – (Cameron McArthur)

Cameron ran through the site development plan for the cement works and also future links to Council's planned Southern Highlands Innovation Precinct. His team has been looking at zoning, vegetation and gradients of the site. He advised there is a potential benefit of a vegetation corridor and Stoney Creek has been supported as a possible area by the consultant. Cameron advised that there will need to be involvement by the neighboring brickworks and Inghams.

- What is an electrostatic precipitator (esp) trip?

Dean explained what causes an ESP. Some information will be added to the cement works webpage so the community understands the process.



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- Eric gave an update to the CLG regarding Remembrance Grove.

It encompasses 11 separate groves, covering some 34 acres of roadside tree plantings. It was established by Queen Elizabeth II in 1954 as a living memorial to those who served in the Second World War. Sections of the driveway were sponsored by businesses, who were responsible for planting and maintenance. They also often erected markers, with dedication plaques in honour of their staff who had served. The BRA has received two grants from the NSW Memorial Commemoration Group. The first grant was used to do an inventory of all the trees and their condition. The second grant was used to develop a conservation management plan. A set of principals has been drafted by the new committee. It is important to the Berrima community to have its local history preserved it has significant cultural, social, landscape, and horticultural heritage embodied in the plantings and plaques at Berrima.

- The CLG agreed to hold future meetings biannually.

The next meeting will be held in mid-2022 – Kate will be in contact with everyone closer to the date.

Meeting closed 10:30 am

**Boral Berrima Cement contacts:**

**Reception**

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**Kate Woodbridge** Stakeholder Relations Manager

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