Minutes – 2 August 2017

Boral – Ormeau Quarry
Local Liaison Group Meeting
Darlington Conservation House, 24 Cliff Barrons Road, Kingsholme

Attendees

Community Representatives
- Bob & Sue Durance
- Sid & Jean Wright
- Judy Hendrikx

Council Representative
- Kris Boody, Catchment Liaison Officer, City of Gold Coast

Boral Representatives
- Elke Stapf, Stakeholder Manager (Northern Region) BPG - Chair
- Andrew Lyndon, Planning & Development Manager
- Liam Elsworth, Manager - Ormeau Quarry
- Robbie Usher, Project Controls Manager - Quarries, Regional Office
- Caitlin Davidson, Project Administrator - Quarries
- George Fitzgibbon, HSE Advisor (Qld)

Apologies
- Mark Boothman MP, Member for Albert
- Michael Crandon MP, State Member for Coomera
- Cr Donna Gates, Division 2, City of Gold Coast
- Stephanie Maguire, Senior Environmental Officer, DEHP
- Angela Peake & Alan Clarke
- Chris & Muriel Saverin, Neighbours
- Jessica Van Soest, HSE Advisor
- Paul West, Regional Manager - Boral Property Group (Northern Region)
- Neil Bellamy, Drill & Blast Manager Quarries QLD / NT, Quarries

The meeting started at 5.35 pm

Apologies: See above list

Introductions:
- Robbie Usher, Project Controls Manager Quarries; Robbie is overseeing the new plant upgrade.
- Caitlin Davidson, Project Administrator Quarries; Caitlin looks after the administration of quarry projects.

Elke explained, on instructions from Mark Boothman MP, we originally planned a handover to Michael Crandon MP at this meeting. This is due to the changes to the electoral boundaries coming in effect after the next election. Unfortunately both MP’s were unavailable on this date of the meeting. We try again at the next meeting.

1. Crushing & Screening Plant Upgrade / Operational Works
Robbie Usher provided an update on the operational works:

Plant Area
- Design for earthworks for new plant has been completed and Operational Works approval granted by Gold Coast City Council.
- Design and Supply contract for the new plant has been awarded and design is underway.
- Construction of plant foundation to commence in the 4th quarter of 2017. Bulk earth works has now commenced. No materials will be imported or exported from the site for this work – it is all provided internally.
- Construction of the plant to commence in the 2nd half of 2018, expected to be commissioned in May 2019.
Offices and Infrastructure
The construction of final infrastructure of weighbridges, office building, and amenities has commenced. Robbie said plant and equipment will be shipped to site via trucks, but it should have minimal impact on the road or the community.
Robbie presented photos including the new site offices, the construction of one of three weighbridges (trucks will be weighed going in and out of the quarry, automating the dispatch process and for a more accurate result), project team facilities, stormwater management area (enhanced system with drainage controls), dewatering of dam and fauna relocation, new plant area, conceptual plant design, and rehabilitation extension including native ‘wet feet’ plants. Robbie also walked through the project timeline, with a proposed completion date of mid-2019.

Bob Durance asked if the new plant will assist in reducing noise and dust impacts. Robbie Usher said the new plant will have new noise controls, such as cladding on parts of the plant. Andrew Lyndon explained, an air quality and noise consultant has been employed to assist in the design process and to recommend appropriate measures (i.e. dust extraction and water sprays) to meet appropriate standards and to ensure compliance with the Environmental Authority. Bob Durance also inquired about the wheel wash facilities. Robbie Usher explained we will construct an additional wheel wash, as required under the DA, and all trucks are required to drive through the wheel wash before leaving the site.

2. Environmental Protection and Biodiversity Conservation (EPBC) Act
Boral lodged a referral application under the EPBC Act to the Federal Government Department of the Environment and Energy in respect of impacts of the Ormeau Quarry on matters of National Environmental Significance.

The Application was made in response to the retrospective listing of Koalas as vulnerable under federal environment law (April 2012), including other listed threatened species and ecological communities of National Environmental Significance (i.e. Ormeau Bottle Tree and Grey Headed Flying Fox). Boral was not seeking approval for any additional quarry extensions to the existing approved quarry areas under the 2012 Approval.

As part of the application Boral proposes to establish a 46 hectare environmental offset at the Boral Cliff Barron Road site, which will enhance the compensatory measures already committed to by Boral on site as part of the 2012 Quarry approval. We are awaiting approval from the Department of the Environment and Energy.

Boral will continue to consult with the local community on a regular basis throughout operations to address issues if they arise.

3. Rehabilitation
George Fitzgibbon provided an update on the rehabilitation works at Ormeau.

Formal monitoring of Lot 2 and the Pimpama Creek rehabilitation areas was undertaken over two days in May 2017. Overall, the general purpose of monitoring 12 months after the 2016 early stage monitoring was to determine if weed species had continued to be controlled as specified. Also, to ensure that the minimum planting densities had remained healthy and within suitable specified densities and survival rates. The monitoring of rehabilitation areas included the re-assessment of four ‘one hundred metre’ transects within the Lot 2 buffer zone and offset areas.

The results revealed, overall, it was determined that minimum densities and standards had been achieved for assessed sites, within a post-planting timeframe of 12–24 months. Weed infestations had been controlled and no significant infestations were present throughout these zones. The increase of both height and crown cover indicated that plants are established. Furthermore, it is expected that these parameters would regularly increase as the planting area mature.
It was evident during site inspection that Lot 2 Buffer Zone had recently lost healthy plants due to a significant weather event (heavy rain took good plants and caused some erosion). Operations have and will continue to ensure that infill, reseeding, and supplementary planting has occurred throughout Lot 2 Buffer Zone. Liam Elsworth said, during cyclone Debbie, no water was released off site due to the new stormwater management on site.
George Fitzgibbon presented some ‘before and after’ photos of planting areas to show growth of plants, and a photo of the weed management.
4. **Air Quality**

George Fitzgibbon presented the dust monitoring results for the period of January 2017 to May 2017.

Dust deposition levels were within guideline limits each month at the sensitive receptors apart from the M6 location in March, which were elevated due to earthworks on the neighbouring property.
Prevalent wind direction was from the south.
M1 (north of the quarry) was predominately downwind.
M2 and M6 (south of the quarry) were predominately upwind.

| Dust is explained in three categories: total soluble matter (eg. organic matter such as top soil), combustible matter (eg. leaves / bugs etc), and incombustible matter (unsealed road materials, rocks and other quarry material). |
| Monitor Locations: M1 (north of quarry) – on Wright’s residence; M2 (south of quarry) – mid control point between quarry and Blucher’s residence; M4 (north) – quarry operation area; M5 (east of quarry) – near quarry entry point; M6 (south of the quarry) – on Blucher’s residence; |

5. **Traffic Behaviour**

Elke provided an update on traffic issues. We have received two complaints since our last meeting (March 2017). Both complaints related to contract drivers who were speeding or not following the road rules and Boral’s Transport Code of conduct.

26 April 2017 - a neighbour made us aware of a truck (outbound) taking a corner too fast ending up on the road shoulder. While the neighbour complimented Boral drivers for staying on their side of the road and following the speed limits, he was concerned about contract drivers.
Boral spoke to the owner of the contract business. While the driver had reported the near miss to the owner, he had not reported it to Boral. We explained that any incidents have to be reported to Boral immediately as a basic Boral safety requirement. The driver involved had been spoken to by the owner of the contract business and the owner apologised on behalf of his driver; he said he values the business and work relationship with Boral.
21 June 2017 - a neighbour reported a truck driver speeding and driving erratically down Upper Ormeau Road. It was a new driver (haulier) that had completed a site specific induction. The quarry manager went through the induction with the driver again upon his return to the quarry. The driver is on notice and has received his first & final warning letter.

Liaison group members had no issues with quarry trucks. Judy Hendrikx commented that Boral drivers are very courteous, i.e. giving way when leaving the quarry.

6. **Boral, Landcare, and CVA Partnership**

Boral have sponsored 6 days of CVA volunteer resources towards two local school projects in 2017, with the assistance of Landcare:

1) Livingston Christian College: 3 days (25, 26, & 29 May) – creating a 25m sensory path, providing spaces where young children can be immersed in the scents, textures and colours of plants and related elements. We planted 200 seedlings.

2) Rivermount College: 3 days (15, 30, & 31 May) – assisting teachers and students in their rehabilitating efforts of the school grounds along the creek (i.e. mulching for weed prevention and aesthetics) following the flooding due to cyclone Debbie. Sue Durance said the extra help was greatly appreciated and provided new enthusiasm and lifted spirits of students after their previous hard work was washed away in the floods.

7. **General Local issues**

- Elke spoke about the 11th Annual Lions Ormeau Fair, which was held on 15-16 July. Boral was a major sponsor providing funds for the 1st Price of the High School Dance Competition. The benefits went towards Rivermount College, the winner on the day. Elke also mentioned it was good to see the levels of political presence (Federal MP, State MP’s, Deputy Mayor & Councillor) showing their support for this community event.
• Judy Hendrikx and Bob Durance spoke about the frustration of local residents with delays on Upper Ormeau Road trying to enter Tillyroen Road, either direction to Brisbane or the Gold Coast, due to the increase of local residential developments in the area, sports facilities, and shopping centres. Locals are feeling an upgrade of existing road infrastructure is due urgently. Also exits off the highway (M1) are blocked during peak hour causing delays and safety issues for locals. There is a risk of traffic congestion and delays on our haul road (Upper Ormeau Rd) ultimately affecting carting to and from the quarry. Judy Hendrikx said the Ormeau Progress Association has already spoken to Cr Donna Gates on this subject.

• Judy Hendrikx mentioned the Ormeau/Pimpama War Memorial Association is seeking assistance from Boral with their Anzac Memorial, where they are looking for a large rock, or multiple rocks to attach plaques to. Judy is to send information on the requirements for Elke to investigate.

8. Council News
Elke inquired about the budget announcement published by Cr Donna Gates for 2017-2018 in the Division 1 News. Council’s response was as follows:

- The Extractive Industry road upgrade amount of $1,527,000 is allocated to maintain quarry roads/haul routes throughout the City (not attached to the Boral Approval). This program is managed by City Assets and in 17/18 is completely allocated to Division 1.
- The $990,000 allocation for Upper Ormeau Road was an estimation only during the budget build phase, but will be increased to the required $1.5million, inclusive of Boral’s $1M contribution.
- The exact timing of the Upper Ormeau Road upgrade is still being confirmed, but works are planned for 2017/18.

Meeting closed: 6.45pm

Next meeting: Wednesday, 18 October 2017, 5.30pm, Darlington Conservation House, 24 Cliff Barrons Rd, Kingsholme.

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<td>Update on Community Projects</td>
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<td>Boral Landcare Partnership /CVA Partnership</td>
<td>Next meeting</td>
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<td>Elke Stapf</td>
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<td>Update on community concerns, actions and outcomes</td>
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<td>Jessica Van Soest</td>
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<td>Liam Elsworth / Robbie Usher</td>
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