



## Minutes – 19 October 2016

### Boral – Petrie Quarry Liaison Group Meeting

Heritage Museum, Dayboro Rd, Kurwongbah

#### Attendees:

##### Community Representatives

- Steven Wighton
- George Down
- David Dwyer

##### Boral

- Elke Stapf, Stakeholder Manager, BPG (Northern Region) - Chair
- Michael Higgins, Manager Petrie Quarry
- George Fitzgibbon, HSE Advisor Qld

#### Apologies:

- Shane King MP, State Member for Kallangur
- Mark Ryan MP, State Member for Morayfield
- Cr Denise Sims, Division 7, MBRC
- Cr Darren Grimwade, Division 11, MBRC
- Del Down, Resident
- Greg Dunlop, Resident
- Vanda Grabowski, KAI representative
- Matthew Hegarty, SEQ Water
- Ben Grant, Senior Environmental Officer (Moreton Bay), DEHP
- Jessica Van Soest, Environmental Manager Qld
- Andrew Lyndon, Planning & Development Manager, BPG Qld

#### Meeting started at 5.10pm

#### Apologies were read out

Because of missing community members at our last meeting, we celebrated Boral's 70 years in Business one more time. Steven Wighton cut the cake on behalf of the community on this occasion. Reminiscing - Elke provided a photo of Steven cutting the cake 10 years ago. Steven is one of our long-standing member and neighbour.

#### Community Concern

We received an inquiry about blasting from a neighbour relating to ground vibration. The shot was fired on the 23rd September just after 3pm. The blast had a higher than predicted result with a PPV of 5.28mm/s; (The limit of our license conditions is 5mm/s), however it was not reportable on this occasion as we were compliant with the 9 out of 10 criteria, where we have to stay within limits on 9 out of 10 occasions.

An investigation was conducted by our Operations Manager, Drill & Blast Manager, and the blast contractor Orica.

Corrective action – even more focus on:

- blast designs (review before blast by quarry manager and technical staff at Orica);
- initiate blasts direction away from close sensitive receptors as much as possible;
- provide extra burden relief where possible;
- Limit number of holes firing within a 8ms window.

**Action items (of last meeting – 18 May 2016)****• Operational Update**

Michael Higgins reported on the recent vegetation clearing.

- Pre-clearing has been carried out by Naturecall
- Tree clearing has taken place over 5 days ((5th, 6th, 13th, 14th and 22nd September 2016)
- A spotter catcher was onsite for the duration of the clearing
- No fauna interactions were recorded during clearing activities
- Vegetation clearing was undertaken in accordance with Naturecall's internal Fauna Management Procedures
- An excavator was primarily used for clearing works
- Sediment fencing has been installed and storm water drainage works have begun.

Michael provided a plan pointing out the location of the clearing area in relation to the immediate works area and the existing quarry works area.

Michael explained further tree planting is planned and the pit development moving downwards will be reducing the visibility into the site.

**• Site Improvements**

- Michael presented a Sediment Control Plan explaining the water flow on site
- A new amenities building is planned to be built on site near the laboratory
- An additional weighbridge is planned for the site in the future
- We are looking into a bushfire reduction burn with the assistance of the local fire brigade.

**• Progress of rehabilitation work on site**

George Fitzgibbon gave an update on the progress of the rehabilitation works.

- Currently we are working on 'stage one' rehabilitation (this stage has been extended past 5 years of actual work as the extraction plan alignment is still underway)
- All the required work for stage one is complete so currently in maintenance phase
- We have planted over 15,000 seedlings since the project commenced in 2011
- Works have occurred over approximately 80 ha
- Performed 2 hazard reduction burns which have assisted rehabilitation process
- The fodder plantation has 2500 seedlings planted in Nov 2011
- Our contractors, NatureCall, are spending currently 10 working days per month on the rehabilitation works (initial 3 years - spent 30 work days per month)
- Main weed species targeted include: lantana, tobacco trees, slash pines, devils fig, groundsel and woody weeds
- The current planted zones at Petrie Quarry have delivered positive results, with advanced native vegetation observed dominating all strata within the rehabilitation area of 1L, 1C and 1D. An increase in species diversity of native grasses has been observed in the planting area on top of the hill in zone 1C and 1D
- The plantings in the Koala Fodder Area continue to perform well. Natural regeneration of the ground layer species also continues well in this area and it is anticipated that with careful maintenance the biodiversity of this zone will continue to improve without impeding the fodder plantation
- All other plantings were observed as performing to required standards
- Weed Management – brush cutting and selective spraying in planted rehabilitation zones to minimise competition from exotic species, particularly large exotic grasses and Snake Weed. In the remainder of the zones removal of woody weeds continues to be the highest priority.

George presented recent rehabilitation works and weed monitoring photos and maps.

Elke was happy to report a koala sighting that occurred on 13 October 2016 on the southern side of the pit on the quarry buffer land and presented a photo.

### Dust monitoring

Traditional compliance dust monitoring involves regular sampling of dust.

George Fitzgibbon reported on dust monitoring results from May to August 2016. George presented a map showing where dust monitors are located and a photo displaying a dust monitor.

Our Guideline Limits are 120 mg/m<sup>2</sup>/day (total insoluble matter) averaged over one month.

- M2 monitor (near Adsetts Road) prevalent wind direction was westerly. Dust monitor levels were within guideline limits each month.
- M4 and M2 monitors (north and south of the quarry) were predominately upwind.
- M7 monitor (west of the quarry - near Dayboro Road) was predominately downwind.

### Rainfall

Month	Rainfall (mm)	Rain days
May 2016	14.6	3
June 2016	136.7	3
July 2016	13.3	2
August 2016	18.4	4

### • Current Local Issues

Pine Rivers Fish Management Association (PRFMA) and Boral are proposing a fishing day – a morning of catching spangled perch in the bottom dam on Boral's property. Proposed date is Saturday, 10 December, 2016. Elke is to organise approval by Management and distribute invitations accordingly.

History: Boral in partnership with the Pine Rivers Fish Management Association (PRFMA) commenced a fish-breeding program in 2003. A joint initiative to fish Saratoga under licence and release them in site water management dams at the Petrie Quarry. After breeding was confirmed, social fishing days were introduced to catch the Saratoga and transport them back to Lake Samsonvale for re-stocking purposes. We have now also spangled perch in our dam.

**Meeting closed: 6.30pm**

**Next Meeting: 2017 TBA**

<b>ACTION ITEMS:</b>		
<b>Name:</b>	<b>Task:</b>	<b>Actioned by:</b>
Michael Higgins	Update on Quarry activity / operational works	Next meeting
George Fitzgibbon	Update on rehabilitation works	Next meeting
Elke Stapf	Update on Community Projects	Next meeting