



Build something great™

## Minutes – 18 May 2017

### Boral – Petrie Quarry Liaison Group Meeting

Heritage Museum, Dayboro Rd, Kurwongbah

#### ATTENDEES:

##### Community Representatives

- Steven Wighton
- George Down
- Greg Dunlop

##### Boral

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

#### APOLOGIES:

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

Meeting started at 5.05pm

Apologies were read out

#### Action items (of last meeting – 18 May 2016)

##### ➤ Operational Update

Michael Higgins reported on the recent operational works:

- pre-clearing document from Naturecall was received
- commenced stripping of overburden
- drill and blast has commenced in the cleared area
- 40% of overburden has still to be removed
- continue to lower the benches around 24 meters as quickly as possible to reduce impact on surrounding neighbours (visual and noise); Michael provided a photo taken by a drone to show the different bench levels of the pit
- Boral is now using drones to measure stockpiles, which improves accuracy and is a saver option.

➤ **Site Improvements**

- The new Amenities Building is planned on site near the laboratory in June 2017. It will include 5 showers allowing staff to clean up and change in their personal clothing before leaving the site.
- Additional targeted weeding by a new contractor has been implemented and the results of improvements are very pleasing. These improvements have allowed us to plan a reduction burn at a later date.

➤ **Rehabilitation work on site**

George Fitzgibbon provided an update on the rehabilitation works on site and a map showing the different work areas.

1a, 1b, and 1c = areas past the quarry gate along Dayboro Rd, north of the quarry  
 1d, 1e, and 1f = areas south of the quarry gate, along Dayboro Rd  
 1g = area alongside Adsetts Rd, south of the quarry  
 1h = area near the koala fodder plantation, alongside Adsetts Rd  
 1i = area near the on-site dam at the end of Adsetts Road, west of the quarry

- New Vegetation Management Contractor, *Spectrum Environmental*, has started as of April 2017.
- 1d was worked as a priority to remove the high density of lantana and other woody environmental weeds to improve habitat function of the area; to assist in restoring free koala movement and use of the area for browsing and foraging activities, and other home range activities.
- Maintained the road side of 1a and 1e by brush cutting, cut and pasting, and then spot spraying.
- Removed woody weeds from the dam wall near 1i and sprayed weeds (re-sprouting Lantana Camera, creeping Lantana, Devils Fig and Tobacco, Silver Leaf Desmodium).
- Removed woody weeds (cut and paste) and brush cut sections in 1g near sediment wall.
- Feral pig activity at 1e was recorded on site first time.
- Area 1d was covered in close to 100 percent declared and native weed cover prior to the rehabilitation works. Declared species included Lantana Camera, creeping Lantana and Tacoma Yellow Bells. The area was slashed, brush cut and woody weeds were cut and pasted (cut at the stump and chemical applied neatly to the stump area). George presented before and after photos, showing the remarkable changes to the area.

➤ **Dust monitoring**

George Fitzgibbon provided a map of the dust monitor locations, and reported on dust monitoring results from January to March 2017.

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 Easterly. Dust monitor levels were within guideline limits each month (M2 = 43 / 53 / and 40).
- M4 and M3 monitors (north and west of the quarry) were predominately downwind (M3 = 30/ 60 / 20); and M4 = 27/ 37 /17).
- M7 monitor (west of the quarry - near Dayboro Road) was predominately upwind (M7 = 90 / 57 / 37).

**Rainfall**

Month	Rainfall (mm)
Jan 2017	60
Feb 2017	57.9
March 2017	331

Although with recent stripping and site works, the dust results have not shown any real difference, which was pleasing, and proves that dust control measures on site are working.

Neighbours said the dust was no different to normal, and no dust concerns were reported since our last meeting (October 2016).

➤ **Community Projects**

▪ **Koala Scat Survey**

A PHD student of the University of the Sunshine Coast was recently at Boral's Petrie Quarry to undertake Koala scat sampling, using a trained scat sniffer dog. A koala scat detection dog named Maya, a border-collie cross, the first koala scat detection dog to be trained and scientifically tested, was used for the survey.

There is a team of students surveying sites across several Councils to confirm presence / absence of koalas.

The detection dog method is approximately 150% more accurate (dogs find scats where humans missed them) and 20 times more efficient (quicker) than human-only searches. Results confirm there are koalas on our Petrie quarry site.

Five sites were surveyed and koala scats were found at all sites. Scats found varied from fresh to very old. 90 trees were systematically searched for the presence of koala scats. Of these, 20 were found to have scats (22.2%).

Greg Dunlop was happy to report he spotted Koalas on his property recently.

▪ **Community Fishing Day**

Elke presented photos of the community fishing day, held on Saturday, 10 December 2016, from 8am – 12noon.

Boral and PRFMA held a morning of social fishing for catching spangled perch in the dam at the Boral Petrie Quarry on Saturday 10 December 2016. Spangled perch caught on the day were transferred to nearby Lakeside Dam for future community & school fishing activities organised by Council. Saratoga fish were released back into the dam as a focus point for our next fishing day sometime in 2017.

As the dam is located on a quarry site, all normal safety requirements had to be met, which included a visitor site induction and wearing the correct clothing including long sleeves, long pants, closed-up comfortable shoes, a hat, sunglasses, and sunscreen.

The PRFMA supplied the bait (prawn) and spare fishing rods for those who don't fish on a regular basis (i.e. Michael Higgins - the Quarry Manger's first attempt at fishing from a lake.

Boral sponsored a sausage sizzle for lunch in conclusion of the event.

Fun was had by all. Positive feedback from the PRFMA was received, 'the opportunity and experience provided to the PRFMA by Boral Quarries was fantastic, and we look forward to future collaboration'.

History: Boral in partnership with 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. Saratoga are one of the oldest native fish in Australia, some call them dinosaurs. After breeding was confirmed, social fishing days were introduced to catch the Saratoga and transport them back to Lake Samsonvale for re-stocking purposes. Over time, spangled perch were found in the dam.

➤ **Boral Operational Issues**

Boral is providing quarry materials for the local University Project (Old Paper Mill). George Down reported seeing more trucks on the road of late. Michael Higgins explained that new Boral procedures delegate trucks from a central point in Brisbane and most carting activity can be seen between 8am and 12noon. The quarry would move around 75-90 thousand tonnes per month at present. George asked how long it takes to load a truck these days, when Michael replied, approximately 12 minutes from when the truck swipes in at the entry to when it is leaving the weigh bridge.

➤ **Current Local Issues**

There were no local issues reported at this meeting.

**Meeting closed: 5.45pm**

**Next Meeting: Thursday, 9 November 2017, 5pm.**

<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 Report on dust results	Next meeting
Elke Stapf	Update on Community Projects	Next meeting