



Build something great™

Minutes – 11 April 2019

Boral – Petrie Quarry Liaison Group Meeting

Heritage Museum, North Pine Country Park, 901 Dayboro Road, Kurwongbah, QLD 4503

ATTENDEES

Community Representatives

- Steven Wighton
- Greg Dunlop
- David Dwyer

Boral

- Elke Stapf, Stakeholder Manager - Northern Region (Chair)
- David Mitchell, Quarry Manager Petrie

Guest

- Tony Zoitsas, Saros (International) Pty Ltd

APOLOGIES

- Shane King MP, Member for Kurwongbah
- Cr Darren Grimwade, Division 11, MBRC
- Vanda Grabowski, Koala Action Inc
- Environmental Officer (Moreton Bay), DES
- George & Del Down, Community Representatives
- Jessica Van Soest, Environmental Manager Qld
- Andrew Lyndon, Planning & Development Manager, BPG (QLD)

Meeting started at 5.09pm

Apologies were read out

See above list.

Introductions

- Elke introduced Tony Zoitsas, Director of Saros Group. Saros are consultants providing air monitoring for Boral.
- Elke passed on a message from DES. Ben Grant, Senior Environmental Officer (Moreton Bay) DES, has moved to another department. At this time, given the absence of current complaints or EA non-compliances, the Department will not attend meetings (unless this situation changes). Elke said we will keep DES informed via Minutes.

Action items (of last meeting – 14 November 2018)

Update on Quarry Operation

David Mitchell provided an operational update:

- Stripping of the current phase is still ongoing but at a much reduced rate.
- Our last shot took place today, we are expecting our next shot to be sometime in the week of the 6th May on RL136.
- Our concentration is now between RL76 and RL112 with occasional visits up to RL124 and RL136 to continue to develop the stage 2 plan.
- We are approaching the beginning of supply back into the MBRC job site at Lawnton, lower volumes this year by some 200,000t
- We have been able to install and upgrade some fire breaks for our immediate neighbours to ease their concerns in case of a fire.

David presented a map and a photo of the quarry pit to explain the different RL locations and immediate works area

Greg Dunlop inquired about the quarry's operating hours. Greg mentioned he spends more time at home now and could identify noise from a drill. Dave explained the activities close to Greg's property will cease shortly when the drill is being removed.

Current Quarry Operating Hours:

Mon-Fri 7am-6pm; Sat 6am to 12noon (approval to 2pm – however mainly used for maintenance only); Closed on Sundays and Public Holidays.

Blasting

David Mitchell reported on the latest blasting results for November 2018 to March 2019.

All blasting results were within our approval limits. Overpressure and vibration was mostly low and within approval limits due to amended blast plan. Blast trials for improved results are ongoing.

Petrie Quarry approval limits:

Overpressure:

- must not exceed 120dB(L) for all blasts
- must not exceed 115dB(L) for 9 out of 10 blasts

Vibration:

- must not exceed 10mm/s for all blasts
- must not exceed 5mm/s for 9 out of 10 blasts

We had no community complaints in this period. No issues were mentioned in the meeting.

Tony Zoitsas explained, given the very low frequency of most blast overpressure events which are generated by the bulk movement of the rock, most of the energy is below audible frequencies (<20 Hz). In most cases the human ear would not be able to determine the difference between 110dB(L) and 120dB(L).

Dust monitoring

Dust results for the period October 2018 to February 2019 were generally low near neighbours, except for February where the highest result at M2 (nearest receptor) was 113 mg/m²/day. We had also had elevated levels near Dayboro Road in Nov and December. The Wind direction was mainly from the East, with some westerlies in November. Following the results, the dust controls on site are working. Areas were slashed near M7 (Dayboro Rd) and M2 was high in soluble matter. As Boral is not the only quarry in the area and looking at the wind direction, the reason for the elevated results near Dayboro Road could not be determined. Greg Dunlop & Steven Wighton said they had no issues.

We have not received any community complaints during this period.

Petrie Quarry approval limits:

Total insoluble matter 120 mg/m²/day - consistent of ash content (related to the quarry) and combustible content (organic matter i.e. grasses)

Tony Zoitsas explained:

Dust samples are being tested via a NATA Certified laboratory on behalf of Saros. Tony explained the different types of dust particles:

Combustible matter = organic material which may include grass, topsoil, bird droppings etc
Ash Content = minerals that don't burn (i.e. quarry materials, road matter)
Soluble Matter = dissolvable ie. sulphates, sea salt (determined through a filtration process)
Insoluble = rock, organic matter (won't dissolve. This component is combusted in a furnace to determine the ash content and combustible matter)

Rehabilitation

- The rehabilitation works on site is focusing on maintenance i.e. slashing.
- In July we will re-engage Spectrum for further rehabilitation works in areas 1A, 1C, 1D, and 1F, which are areas along Dayboro Road.

Community Concerns re Traffic

We had some truck issues earlier in the year and barred some drivers. At the moment we have no issues to report other than some shattered car windscreens.

Community Event

Dave organised a Fishing Day with PRFMA on 19 January 2019. Fish were caught, tagged, and released in both dams. 100 fingerlings were released (Silver Perch and Yellow Belly).

Current Local Matters

- Steven Wighton talked about the implementation of FAD (Fish Attractive Devices) at Samsonvale Dam, consisting of plastic trees in the water attracting fish where they can hide and breed.
- David Dwyer informed of upcoming activities on 27 April at Merthyr Park, Youngs Crossing Road. Remembrance Day of a mid-air collision of two spitfires near Petrie Qld on 19 April 1944. Two British pilots Wright and Chandler were both killed.

Easter Closing Times

Last Day – Thursday 18 April
 Back – Tue/Wed 23 & 24 April
 Closed 25 April (Anzac Day)
 Back – Friday 26 April.

Meeting closed: 6.05pm

Next Meeting: 14 November 2019, 5pm, at the Heritage Museum, North Pine Country Park, 901 Dayboro Road, Kurwongbah, QLD 4503

ACTION ITEMS:		
Name:	Task:	Actioned by:
Quarry Manager	- Update on Quarry Operation.	Next meeting
Jessica Van Soest / David Mitchell	- Update on rehabilitation works; - Report on dust results – Jess to look into possibility to separate dust monitoring results into ash content, combustible matter, and insoluble matter when presenting next. - Report on blast results.	Next meeting
Elke Stapf	- Update on Community Projects	Next meeting

Contact Details: Petrie Quarry, 788 Dayboro Road, Whiteside Qld 4503, Ph (07) 3330-3554 or feedback_NR@boral.com.au