

Linwood Marino Community Working Group Meeting

5.30 pm Wednesday 21 February 2007

Seacliff Surf Life Saving Club

Attendance: Beryl Hall (Marino Residents' Association)
David Parsons (Marino Residents' Association)
Peter Pollard (Marino Residents' Association)
Fran Southern (Marino Residents' Association)
Kay Daw (Marino Residents' Association)
Olando Puccini (PIRSA)
Adam Betterman (Boral)
Alistair Kelsh (Boral)
Sharron (Marion Council)
Chris Kavanagh (Marion Council)

Apologies: Paul Whiffen (Boral)
Chloe Fox (Sitting ALP Member – Bright)

1. Welcome, introduction and overview

Notes of the previous meeting in November had been previously circulated.

Adam explained that he is stepping up into a new role as Operations Manager and introduced the new Site Engineer Rodney Kazem that will be slowly taking over Adam's previous role at Linwood Quarry.

2. Discussion

Adam highlighted that the working group meetings have come along way in terms of Boral understanding the concerns of the community with the Quarry. Adam said he would like to see the meetings move from a more directive slide presentation to a more open Discussion style.

Adam provided a brief insight into Boral's new Stakeholder consultants "Futureye" As said in the last meeting in November Futureye was brought on board to assist Boral to expand engagement and communications to the broader communities and also manage the long-term future of Linwood by facilitating a community visioning process which incorporates engagement on Boral's 30-year plan.

Adam said that Futureye has now completed a report regarding Boral's Stakeholder relationship with the working group, which has highlighted some valuable information. Fran said, Futureye promised a copy of the report to the working group however they have not received anything. Alistair and Adam said that a summarised report of the findings would be distributed ASAP.

Adam mentioned that Boral are currently working with PIRSA on a new Mine Operating Plan (MOP). Linwood's current MOP is due to expire in 2008. The content in the MOP will identify measurable objectives in areas of noise (other than blasting), Dust (other than blasting), Blasting Vibration, dust and Noise.

3. Review of issues and actions

3.1 Dust

Adam Betterman showed charts of all 5 static Dust monitoring results for the period 1999 to the end of 2006. Monitors 1, 3, 4 and 5 showed that the readings were well below the limit of 4 g/m^2 and also were lower in comparison to previous years readings for the same months. Since monitor 2 was relocated the results have been more meaningful.

3.1.1 Dust Track

Adam showed a chart regarding the Dust monitoring inside the Quarry using the Dust Track Monitor, This monitor measures PM10 particles over a 24 hour average at a recommended maximum of 0.05 mg/m^3 . Results from measurements taken on a hill within the quarry between December 2006 and January 2007, indicated only two exceedances above 0.05 mg/m^3 .

Adam mentioned that Boral will stick with the Dust track monitors compared with other available dust measuring systems due to cost efficiency and industry acceptance.

Adam explained as part of the new MOP review that the plan in the next 6-months is to setup Dust monitor locations at the northern and southern boundaries of the quarry to collect accurate data on what is background dust and what is actually quarry dust, the data will be downloaded real time to a PC on site and it is aimed that the dust monitors will be connected via a modem system to send emails or text messages to the manager when the dust created is above permissible levels. A map was shown regarding proposed Monitor Network locations.

The levels proposed for the new MOP were:

1. PM10 does not exceed $50 \text{ } \mu\text{g/m}^3$ on more than 10 days per year for the first two years (upon completion of real time monitor network)
2. A commitment to improvement after the initial two year period

The group agreed that these levels were acceptable as a starting point to help gather data of a 2 year period to fully understand the dust levels at the quarry boundary.

Kaye and David mentioned that majority of the dust is created at night due to the gully winds moving dust from inside the quarry to the neighbourhood. Fran and David said setting up the monitor will be an excellent idea to determine if the dust is actually Quarry dust. Fran mentioned that she would be happy to keep a diary daily to record when dust levels are high and then compare with the dust track monitors on a regular basis.

3.1.2 COOEE "DustBloc" Trial

Adam touched briefly on the Dustbloc suppressant trial and commented that the trial proved to be partly successful in keeping the dust down. However the product was of high expense, not

user friendly, emitted odour and was considered to be a potential hazard for employee's health and safety. The product will no longer be trialled onsite.

3.2 Noise

Adam showed a chart regarding maximum published permissible noise levels published by the EPA. The Linwood Quarry sits under the area of "Urban Residential with some Manufacturing industry" The published data shows that the maximum permissible noise levels are 58db between the hours of 7.00am – 10.00pm and 50db between the hours of 10.00pm - 7.00. Adam mentioned that the Linwood Quarry is sitting very comfortably within the prescribed legal limits based on previous measurements taken over the last 2 years.

Adam said in developing the new Mine operating procedure (MOP) Boral are committing to undergo mutually agreed bi-annual random noise testing by an external noise expert over a 24 hour period. A report with the findings will be submitted to PIRSA upon completion. It was also stated by Adam that further testing would occur if required based on stakeholder complaint or concern.

Fran and David said mutually agreed random testing was insufficient. Fran said if it was possible for the Marino working group to take control of when the random tests do occur. Adam agreed and said getting the working group involved in the noise testing will be okay.

The group agreed on the EPA noise limits and testing frequency as an acceptable objective for the new MOP.

Peter claimed that machinery noise is heard from the Quarry between the hours of 10pm – 5am recently. Adam explained that the quarry has not been running during those hours. However it was mentioned that there is a noisy Pump in the Golf course that maybe attributing to the noise level. Peter than said that the noise levels have definitely reduced significantly since July 2005, when the quarry did operate extended hours.

Adam touched briefly on the recent Icon trial at Linwood where two blasts were performed. First using the original detonation system and second using the Orica I-Kon system. Adam said the returned feedback favoured the I-Kon blast rather than the normal blast. Boral will be conducting further trials to determine its use of the 'I-Kon' system.

4 Community Issues

4.1 Website

The website has been approved and is currently been developed in Melbourne, should be ready in approximately 3-weeks. Adam said we need as much feedback as possible regarding the website from the local residence. Alistair said it might be a good idea to advertise the new website in the local messenger News paper.

David asked about who will be updating the website. Adam said all updating will be done in Melbourne.

4.2 Stormwater – waste water Joint Venture with Marion Council

Adam spoke briefly about the status on the storm water project. The stormwater enters the quarry site via Clubhouse Road and includes run-off from the recently developed 'Oceana' residential development. This has generated a significant increase in the volume of stormwater entering the site. The solution in joint venture with the Marion Council will involve the collection of stormwater in a large holding pond within company property which can then be pumped to the quarry pit for re-use in and around the quarry site. The water could then be used to:

- water the golf course
- as a dust suppressant
- truck wash
- batch concrete

Adam mentioned that the project is progressing well with both Boral and the Marion Council and is anticipated to start in March 2007.

4.3 Tree Planting

The proposal to provide a vegetative screen along the southern boundary at the western end of Perry Barr Road was put to the landholders. They have accepted the proposal of planting of trees along the proposed alignment. Boral is now working with Hallett Cove residents regarding the aesthetics of the proposal. Adam showed an aerial photograph indicating the location of the proposed tree planting.

Chris added that the Marion Council maybe able to assist in the selection of tree's for the planting program to ensure consistency throughout the suburb.

5. Where to from here

The Working Group decided the next meeting would take place on 20th of June 2007. The meeting venue is to be confirmed.

If you have any comments on these notes or any other issues you wish to raise please notify Adam on 8298 8810 or 0401 896 810.