

CEMEX MT.SHAMROCK QUARRY ENVIRONMENT REVIEW COMMITTEE

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Meeting Summary

2nd June 2009 (4.10pm – 5.40pm)

Cemex Quarry,
Mt. Shamrock Rd, Pakenham

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| Committee Members Present: | Nathan Thomas | Cemex |
| | Damian Vardy | |
| | Tracey Parker | Shire of Cardinia |
| | Ian McLeod | Department of Primary Industries |
| | David Grace | Dept. Sustainability and Environment |
| | Don Petty | |
| | Joy Carberry | Local Community Representatives |
| | Terry Flynn | Southern Rural Water |
| | Councillor Bill Pearson | Shire of Cardinia |
| Apologies: | | |
| | Susanna Young | Environment Protection Authority |
| | Mark D'Agostino | Department of Human Services |
| | Robert Ogden (for Stephen Compton) | Bunurong Aboriginal Land Council Corporation |
| | Fay Stewart-Muir | Boon wurrung Foundation |
| | Megan Goulding | Wurundjeri Tribe Land & Compensation Cultural Heritage Council |
| Chairperson | Lisa Barrand (Chairperson) | Possibilities Pty Ltd |

| Description | Actions |
|---|---------|
| <p>Welcome and apologies</p> <p>Lisa welcomed all Committee members to the meeting and apologies were noted. Tracey Parker was welcomed to the group as the new representative from the Shire of Cardinia.</p> | |
| <p>Site Update - Operations</p> <p>Nathan Thomas provided a précis of the operational update from the quarterly report, including noting the following:</p> <ul style="list-style-type: none"> - The quarry has been involved in a large capital upgrade to equipment that has had a positive impact on efficiency. The efficiency improvements have arisen from the installation of stacking conveyors that has reduced the number of trucks and loaders required. It has also reduced fuel usage and manual handling. All reductions in people requirements (with the exception of one contractor) have been managed through natural attrition. - The quarry has been very busy over the past three months, in particular with local projects including McGregor Road, Bunnings Hardware and the relocation of the race track. - The completion of the project to join the two pits has resulted in reduced manual handling and improved safety outcomes. - The quarry is looking into obtaining and installing rubber stops and spray bars to further reduce dust at discharge points. - Final designs for the deceleration lane have been completed and are available to ERC members to view. | |

| Update on actions agreed at previous meetings (cont.) | Actions |
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| <p>Net Gain Management</p> <p><i>Action 4.2 The Net Gain Sub group will meet after the annual Net Gain audit takes place in the new year (2009) in order to better evaluate possible improvements, noting that the plan, as it is written, is quite prescriptive. This will also include a site inspection.</i></p> <p>Note: This group is still to meet to discuss possible enhancements to planting approach. Damian to organise. Nathan also advised the Committee that a revised Net Gain Management Plan was being developed due to the flow-on effects from the impending construction of the deceleration lane (see below).</p> <p>Weed Management</p> <p><i>Action 4.3 Ian Stevenson to coordinate action between Cemex, the Council, volunteer groups (such as Landcare and others) to make the most of this seasons weed management efforts. This should include DSE involvement. Ian will look at the maps that are covered by the various groups / authorities with a view to focusing on Pakenham Rd for both direct weed removal works and also in promoting weed removal grants for private land holders.</i></p> <p>Note: Tracey Parker will now take the lead on this issue as the new Council representative. Tracey noted that next years grants are about to open.</p> <p>Use of Quarry water by CFA</p> <p><i>Action 4.7: Don Petty to provide Nathan with contacts for the local CFA's and Nathan to advise the CFA.</i></p> <p>Note: Nathan to advise the CFA regarding the availability of quarry water for use in fire fighting.</p> | <p>D Vardy, T Parker, J Carberry, D Grace, B Pearson</p> <p>T Parker</p> <p>N Thomas</p> |
| <p>Biosis Research Report</p> <p><i>Action 5.1 It was agreed that the final report on the archaeological project should be forwarded to the Bunurong Aboriginal Land Council Corporation for consideration.</i></p> | <p>N Thomas</p> |
| <p>Water discharge and salt levels (TDS)</p> <p><i>Action 5.2 Joy Carberry to write a letter to the EPA, supporting the concept of environmental flows into the creek from Donazzan's Dam.</i></p> <p>Note: This letter has not been written as yet as further technical advice from EPA regarding the quality of water and its impact is needed (See item 3.3 above)</p> | <p>J Carberry.</p> |
| <p>Website</p> <p><i>Action 5.3 It was requested that both Cemex and Cardinia Shire Council provide a link to the webpage for the ERC that is located on Lisa's website. Lisa to provide details of website on all ERC documentation and email link to all the authorities.</i></p> <p>Note: This item has been completed.</p> | |
| <p>Actions arising</p> <p>Deceleration lane</p> <p>The plans for the deceleration lane are now available for ERC members to view should they wish (please contact Nathan). Cut and Fill Pty Ltd is submitting the plans to Council on behalf of Cemex. Nathan has discussed the plans with the resident most affected (M. Waterhouse) who has raised a number of issues. To address these, Nathan will ask Cut and Fill to investigate the removal of an additional tree to improve visibility northward along Pakenham Road.</p> <p><i>Action 6.1 Nathan Thomas to provide Joy Carberry with a copy of the plans for the deceleration lane, in particular the vegetation implications, so that Joy can communicate with the Cardinia Environment Coalition.</i></p> | <p>N Thomas</p> |

Environment Management Quarterly Report

Damian Vardy presented the Cemex quarterly environmental monitoring report covering the period from the 14/01/2009 – 14/04/2009. There were no exceedences and all results were compliant. (See below)

The following points capture the key discussions and specific actions agreed:

Air quality - Dust

Cemex is hoping to begin collecting data using the “real time” equipment within the next two weeks (after long standing problems with delivery and installation). It was noted that one depositional dust result for the period appeared to be non-compliant and was also very different to other results taken at that location.

Ian McLeod clarified that the result at A6 during February was, in fact, just within specification. The acceptance criteria from the EMP specification outlines: “Dust deposition 4g/m³ /month (no more than 2g/m³/month greater than background).” The consultant is investigating why the result is unusual but it is difficult to determine when the result is so historical. The new real time reporting equipment will eliminate this problem.

Nathan explained that dust and weather results from the new equipment will be kept and archived in a similar way to blast videos.

Noise and vibration results

All results were compliant with EMP requirements. Joy mentioned that there had been noticeable construction noise on the 5th of May. Damian had no notes in his diary of any particular events occurring that day. Nathan suggested that Joy give him a call should anything similar occur in the future so that he could look into it immediately.

Surface water, drainage and ground water

All results were compliant with EMP requirements and there were no discharges. As per Action 3.3 above, the summary of the URS report will be circulated to ERC members.

Other business

Rehabilitation

Ian McLeod inquired about the progress of rehabilitation activities within the quarry. Nathan noted that that no rehabilitation activities could really commence until Stage 1 of the project (excavation of the corner) is complete and Stage 2 commences. At that time, back filling and rehabilitation can start.

It is also hoped that some of the accumulated ‘fines’ located on the north face could be used at the Desalination Project. This would then allow rehabilitation works to commence in that area.

Burial site

An error was noted in the Feb 09 meeting summary (Interim Archaeological Report) whereby mention was made of a spring located on Don Petty’s property. The spring in question is not on Don’s property but rather within the Cemex boundary.

Complaints

One complaint was received during the period relating to a thistle weed problem. As noted in the report from that January 09, Cemex undertook intensive weed spraying in the following two weeks to reduce thistles on the property.

Next meeting

The next meeting of the ERC will be held on Tuesday 27th October, 2009 after a site tour that will commence at 3pm departing from the quarry office. The ERC meeting will be held from 4-6pm thereafter.

Suggestions for the next review of EMP

Note: The ERC agreed to maintain a list of possible review points for discussion for when the EMP is reviewed (every five years)

- **Revegetation plan**

Review the species mix of revegetation and planting patterns with a view to increasing habitat and biodiversity value (in addition to the existing visual barrier objectives) and also investigate the carbon offset value of such works.

- **Ground vibration**

Review blast monitoring locations to reflect that V3 has been moved to D Petty's house.