

# CEMEX MT.SHAMROCK QUARRY ENVIRONMENT REVIEW COMMITTEE

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## Meeting Summary

19<sup>th</sup> February 2009 (4.05pm – 6.15pm)

Cemex Quarry,  
Mt. Shamrock Rd, Pakenham

<b>Committee Members Present:</b>	Nathan Thomas	Cemex
	Damian Vardy	
	Ian Stevenson	Shire of Cardinia
	Ian McLeod	Department of Primary Industries
	Mark D'Agostino	Department of Human Services
	Don Petty	Local Community Representatives
<b>Guests</b>	Jenny Fiddian	Biosis Research
	David Grace	Dept. Sustainability and Environment
	Terry Flynn	Southern Rural Water
	George Tsivoulidis	Environment Protection Authority
	Elsa Rohrlach	
	Robert Ogden (for Stephen Compton)	Bunurong Aboriginal Land Council Corporation
<b>Apologies:</b>	Fay Stewart-Muir	Boon wurrung Foundation
	Megan Goulding	Wurundjeri Tribe Land & Compensation Cultural Heritage Council
	Lisa Barrand (Chairperson)	Possibilities Pty Ltd

Description	Actions
<p><b>Welcome and apologies</b></p> <p>Lisa welcomed all Committee members to the meeting and apologies were noted. A special welcome was extended to Jenny Fiddian from Biosis Research.</p>	
<p><b>Site Update - Operations</b></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"> <li>- Productivity had been greatly improved through the completion of a haul road that now connected the east and west pits.</li> <li>- A blast monitoring point (N3) had been located at 540 Toomuc Valley Road in consultation with Don Petty.</li> </ul> <p>The Committee discussed and endorsed the location of this monitoring point as a replacement for monitoring point (Z) which had been located at 640 Toomuc Valley Road.</p> <ul style="list-style-type: none"> <li>- Almost all oil is now being received directly into bulk containers contained on site, thereby eliminating the need for 44 gallon oil drums and also minimizing manual handling and waste issues.</li> <li>- Although sales had been slow at the beginning of the year, the quarry was now very busy.</li> <li>- Substantial thistle reduction activities had been undertaken including slashing and spraying. This also extended to blackberries and pittosporum.</li> <li>- With the departure of Aaron Price from Cemex, Damian Vardy will now be assuming responsibilities for various environmental issues.</li> <li>- Adam Mackenzie has relocated to a planning development role based in Brisbane.</li> </ul>	



<p><b>Water discharge and salt levels (TDS)</b></p> <p><i>Action 3.3 Cemex to undertake discussions with the EPA to review the salt (TDS) tolerances on discharge water and discuss the impact of not having sufficient environmental flows downstream of Donnazan’s Dam.</i></p> <p>Note: The parties are still to discuss this issue.</p>	<p>D Vardy, E Rohrlach, J Carberry.</p>
<p><b>Truck noise</b></p> <p><i>Action 4.1 Cemex is currently in discussion with the relevant contractors aimed at developing an agreed noise standard and will report back at the Feb 09 meeting.</i></p> <p>Note: The EPA has provided Cemex with a ‘noise standard’ to follow and all Cemex owned trucks and Cemex contractors (with one exception) have been assessed and are compliant with this standard. The non-compliant contractor has been issued with a notice to comply.</p>	
<p><b>Net Gain Management</b></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 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>D Vardy, I Stevenson, J Carberry, D Grace, B Pearson</p>
<p><b>Weed Management</b></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: Report back deferred to June 09 meeting.</p>	<p>I Stevenson</p>
<p><b>Location of A5 dust monitor</b></p> <p><i>Action 4.4: Cemex to meet with the EPA and the Cemex consultant to determine where the A5 monitor should best be located.</i></p> <p>Note: This has been completed with the A5 station now being located inside the Cemex property but toward the eastern boundary.</p>	
<p><b>Location of V3 (ground vibration)</b></p> <p><i>Action 4.5: Location of V3 to be moved to Don Petty’s house.</i></p> <p>Note: This has been completed and now is located at 540 Toomuc Valley Road.</p>	
<p><b>Noise monitoring – additional monitoring</b></p> <p><i>Action 4.6: Community Reps to provide the details of two residents who would be amenable to occasional noise monitoring taking place at their properties.</i></p> <p>Note: This has been completed. Don has approached Dan Quagliani regarding the issue and Mr. Quagliani is apparently happy to have occasional monitoring take place at his property. It was agreed that one additional location was sufficient.</p>	
<p><b>Use of Quarry water by CFA</b></p> <p><i>Action 4.7: Don Petty to provide Nathan with contacts for the local CFA’s and Nathan to advise the EPA.</i></p> <p>Note: Don Petty has provided the relevant contact information however Nathan is waiting until a safe access ramp to the water has been completed before contacting the CFA.</p>	<p>N Thomas</p>

<p><b>Actions arising</b></p> <p><b>Biosis Research Report</b></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 style="text-align: right;">N Thomas</p>	
<p><b>Water discharge and salt levels (TDS)</b></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 Donnazon's Dam.</i></p> <p style="text-align: right;">J Carberry.</p>	
<p><b>Fire warnings</b></p> <p><i>Action 5.3 Nathan Thomas and Damian Vardy agreed to contact Don Petty and JoyCarberry via SMS should quarry staff notice a fire in the area.</i></p> <p style="text-align: right;">D Petty, N Thomas</p>	
<p><b>Environment Management Quarterly Report</b></p> <p>Damian Vardy presented the Cemex quarterly environmental monitoring report covering the period from the 14/10/2008 – 14/01/2009. There were no exceedences and all results were compliant.</p> <p>The following points capture the key discussions and specific actions agreed:</p> <p><b>Dust monitoring equipment</b></p> <p>Cemex is hoping to begin collecting data within the next two weeks (after long standing problems with delivery and installation). The contractor is coming out to do on site commissioning of both the dust monitors and the weather station.</p> <p>It was noted in the report that some depositional dust results were not available due to livestock damage to the equipment. This will be resolved with the new equipment as substantial fencing protection is provided.</p>	
<p><b>Noise results</b></p> <p>All results were compliant with EMP requirements.</p> <p><b>Ground vibration results</b></p> <p>All results were compliant with EMP requirements. Future reports will include the results from Station R at 540 Toomuc Valley Rd, replacing Station Z.</p> <p>It was noted that because of the improved access to the quarry site and rock face, there are now fewer blasts occurring.</p> <p><b>Surface water, drainage and ground water</b></p> <p>URS is currently studying the results to date and their findings will be incorporated into the beneficial use project. Two bores that are blocked are being re-drilled this month. There were limited discharges due to a pump failure.</p>	
<p><b>Other business</b></p> <p><b>Website</b></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 style="text-align: right;">L Barrand, N Thomas, I Stevenson</p> <p><b>Operating hours</b></p> <p>Ian inquired about a recent request that Cemex had made to his office for extended operating hours. Nathan informed the Committee that a customer had recently requested deliveries of cement treated product be made out side of normal hours. There is a process for the quarry to follow in order to vary the operating hours which involves applying to the DPI who then liaises with other authorities such as the Council. In this case, the necessary permissions were not able to be obtained within the timeframe required and materials were sourced from another location.</p>	

### **Deceleration lane update**

Cemex has appointed 'Cut and Fill' to undertake preliminary designs for a turning lane entering Mt. Shamrock Rd from the Pakenham end. This will include a Net Gain Assessment of the intersection. Traffic risk assessments have also been undertaken which Cemex hopes to use to further improve the safety of this intersection as part of the project. This will include looking at speed limits, banking of the road, signage, increasing visibility, re-grading of existing access roads and relocation of letter boxes. The residents will be fully consulted regarding the possible plans.

There is still a long term plan to provide a waiting area for trucks 'on site' although truck drivers often prefer to have their breaks near a food shop.

Nathan also reported that the quarry can experience between 150 and 400 movements of vehicles a day.

### **Complaints**

The quarry received one complaint (to be included in the next reporting period) relating to the thistle weed problem. As previously noted, Cemex has been working to reduce thistles on the property.

### **Next meeting**

The next meeting of the ERC will be held on Tuesday 2<sup>nd</sup> June, 2009 4-6pm at the Cemex quarry, Mt. Shamrock Road, Pakenham.

## **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.