

MT. SHAMROCK QUARRY  
ENVIRONMENT REVIEW COMMITTEE  
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## Meeting Summary

28<sup>th</sup> August, 2019  
(4.00pm - 5.15pm)

Shire of Cardinia Office  
Officer

### Committee Members Present:

Matt Dodds Stewart Burton Max Post	Holcim Australia
Don Petty Rosemary Buczak Joy Carberry	Local Community Representatives
Emma Brennan Matthew Schreuder	Shire of Cardinia

### Apologies:

Cr Jeff Springfield	Shire of Cardinia
Geoff Gilbert	Earth Resources Regulation
Paul Hillyer	Holcim

**Chairperson:** Lisa Barrand (Chairperson) Possibilities Pty Ltd

### Welcome and apologies

Lisa welcomed everyone to the meeting and conveyed apologies for those who were not able to attend at the last minute or prior commitments. Matt thanked everyone for their flexibility in changing the date of the meeting.

Lisa also thanked the Council for providing the venue for the meeting and refreshments.

Update on actions agreed at previous meetings	Person Responsible
<p><b><i>Action 50.1 Phase A plantings.</i></b></p> <p>During the site tour in May, the Committee looked at some of the Phase A planting areas. There are some trees (mainly wattle species with a life span of 10 – 12 years) that have died. Matt agreed to talk with Naturelinks to determine what options there are for filling in these areas and will report back to the Committee. At this meeting, matt reported that Naturelinks will be planting approximately 500 new trees this spring to replace those that have been lost. The species to be used will be those specified in the agreed plan for that area but Naturelinks have been asked to not to include the wattle that seems to have had the highest failure rate. A review will take place after the planting to review the need for any further action.</p> <p>Matt will update the Committee in November.</p>	<p>Matt Dodd</p>
<p><b><i>Action 50.2 Groundwater and springs.</i></b></p> <p>As part of the EMP requirements, an annual review of groundwater and springs is undertaken every year. During discussion in May about the results of the most recent review from last summer, there were questions about the connection between the operations of the quarry and the changing flows of the springs. As there were no experts at the meeting to assist with clarifying and interpreting the data it was agreed that Matt seek further advice and report back to the Committee. The key question of interest related to what the causes for changing flow rates of the springs might be.</p> <p>At this meeting, Matt reported that Holcim had reviewed its archive records but has not been able to find any data prior to that reported since 2001. The annual report produced by AECOM includes information from that time and notes the correlation between groundwater levels and annual rainfall. Matt had also reviewed the original EES documents and identified sections relating to the springs that might be useful for the Committee to read. Matt will put these together into one document for distribution after the meeting.</p> <p>In relation to the level of the springs, Matt noted that AECOM had reported that beneficial use of the spring water does not appear to have been impacted by the works of the quarry. As it is difficult to reliably track the actual flow of springs there is no ‘rate of flow’ recorded for the springs. There were some questions about this from the community members and also anecdotal comments relating to the changing (reduced) flows of some springs. Matt will talk to Geoff to seek technical advice about the matter for the next meeting.</p>	<p>Matt Dodd</p>
<p><b><i>Action 50.3 End of use discussions for the site.</i></b></p> <p>Although the brief for this Committee does not cover the end use for the quarry and the end of quarrying is still some time away, the members are interested in ensuring that planning discussions are started with plenty of time to ensure all options can be considered. It is recognised that many of the potential ideas, if of interest to the Council and community will take significant time to plan properly and a good process for consultation and planning would be needed. As such, the Committee respectfully requested that both Holcim and Council put forward an initial plan of who (from both organisations) might be involved in discussions and what the first steps might be.</p> <p>At this meeting, Emma and Stewart were able to confirm that the following roles from each organisation would be involved in any discussion regarding end use.</p>	<p>Matt Dodd and Emma Brennan</p>

<p><b>Council</b>  Manager of Infrastructure  Principal Strategic Planner (and their manager)  Principal Statutory Planner  Other staff with a background relating to the site.  Note: A director would likely be appointed as a sponsor for the work of this group</p>	<p><b>Holcim</b>  Quarry Manager  Operations Manager for South East Region  Planning Approvals Manager</p>	
<p>Stewart outlined that the process for end of use planning might include the following steps</p> <ol style="list-style-type: none"> <li>1. A trigger for an 'end of us' plan (usually linked to the number of years until end of quarrying). There is no specific period nominated in the plan however 5 years was cited as an example.</li> <li>2. Scoping to take place to identify issues and constraints including legislative, planning scheme, engineering etc.</li> <li>3. Council and Holcim to generate options that are plausible and likely to be approved.</li> <li>4. These ideas to be presented to the community and other stakeholders for comment.</li> <li>5. Feedback to be considered and the project progressed.</li> </ol> <p>Stewart reiterated that the current rehabilitation works are progressing well and would do so in accordance with the plan.</p> <p>It was agreed that this item continue to an item on the first meeting of each calendar year for the ERC and also at the September meeting to allow for the Council and Holcim to update the Committee.</p>		

## Environment Management Quarterly Report

Matt presented the quarterly report to the Committee covering the period from April 2019 to June 2019.

### Site Update

There was not a great deal to add to the written report. Operations are currently busy with high demand at the moment. There were two non conformances to report.

### Audit action update

Matt was able to report that item 2 1.3 had been completed and that the site had commenced scoring non conformances for inspections.

The final outstanding item from the audit will be attended to next year when the LRMP is reviewed.

### Complaints

There were no complaints during the period.

### Air quality - Dust

There were no non-conformances.

### Noise and vibration results

There were no non-conformances.

### Blasting

There were no exceedences.

### Surface Water, Drainage, Ground Water and Bore water Measurements

There were two exceedences relating to conductivity readings. In both cases these were related to results when the site was not discharging. In other words natural flow of water over the monitoring site. No action was required.

A question was raised regarding the Ph levels (two quite high results were recorded). Matt noted that these responded to periods of high rainfall but were still within the tolerance levels.

### **Waste Management**

There was an exceedence in this section, with the site having disposed of non recyclable pallet materials.

### **Traffic Management**

There were no non-conformances.

<b>New business, discussions and actions arising from this meeting</b>	<b>Person Responsible</b>
<i>There were no new items raised.</i>	

## **Meeting Dates**

The final meeting date for 2019 is:

Wednesday 20<sup>th</sup> November

2.30 Site tour

4.00pm Committee meeting

## **Items for consideration at next revision of EMP**

### **Understory Plantings**

Consider multi species plantings for understory areas where original revegetation / screening plantings only included a single species of tree. This should be done as soon as practicable after trees thin out to allow for successful planting.

### **Quarterly reporting of LRMP activities and outcomes**

Should the LRMP report be quarterly, six monthly or annual?