Agenda
Deer Park Quarry Environmental Review Committee- 10 December 2015

- Welcome, introductions and apologies (5.00pm- 10 mins)
- Previous minutes and actions (10 mins)
- Business reports (30 mins)
  - Concrete
  - Asphalt
  - Quarry
- Environment (20 mins)
  - New dust monitors (Dr Richard Strauch)
  - Weed Management
  - Pest Management
- Quarry Plant Replacement Project Update (10 mins)
- General Business (10 mins)
- Close (approx. 6.30pm)
Paul Hodges  
Quarry Manager - Deer Park

Michael Suddes  
Operations Manager - Concrete West

Amy Wells  
Manufacturing Operations Manager - Asphalt

Luke Brown  
Project Sponsor - Deer Park Quarry Replacement Project

Dr Richard Strauch  
Group Environmental Advisor, Boral Corporate

Cassi Sartori  
Environment Coordinator, Boral OHS Functional Group

Erin Furmanczyk  
Stakeholder Relations Advisor (Southern Region), Boral Property Group

Vikki Barker  
Property Administration Assistant, Boral Property Group
### Previous meeting minutes and actions

**Erin Furmanczyk**, Stakeholder Relations Advisor (Southern Region)

<table>
<thead>
<tr>
<th>No.</th>
<th>Action</th>
<th>Responsibility</th>
<th>Due date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Provide information about the proposed asphalt plant upgrade when more information becomes available</td>
<td>DK</td>
<td>TBA</td>
</tr>
<tr>
<td>2</td>
<td>Undertake a quarry blast audit</td>
<td>GG</td>
<td>17/12/2015</td>
</tr>
<tr>
<td>3</td>
<td>Dust presentation to be made available on the website</td>
<td>EF</td>
<td>Complete</td>
</tr>
<tr>
<td>4</td>
<td>List of attendees names to be included on agenda</td>
<td>EF</td>
<td>Complete</td>
</tr>
<tr>
<td>5</td>
<td>Share information on site weed management</td>
<td>KC</td>
<td>This meeting</td>
</tr>
<tr>
<td>6</td>
<td>Ongoing management of weeds and animals at the site to be discussed and prioritised</td>
<td>KC &amp; JN</td>
<td>This meeting</td>
</tr>
</tbody>
</table>
Boral Deer Park Operations
Boral Operations Reports - Concrete

Michael Suddes, Operations Manager, Concrete West
Boral Deer Park Operations
Boral Operations Reports - Quarries

Paul Hodges, Quarry Manager, Boral Deer Park Quarry
Quarry – Monitoring Locations
Deer Park Quarry Environmental Review Committee - 10 December 2015
Lab technicians reported evidence of bird droppings in the vicinity.

Train station construction, Boral earth works, SP Ausnet work.
Deer Park Quarry Environmental Review Committee - 10 December 2015

Deer Park - Air Vibrations

Graph showing air vibrations levels for different zones and locations.
Deer Park Quarry Environmental Review Committee - 10 December 2015

Deer Park - Ground Vibrations

- Carabot Stn B
- Station A
Deer Park Quarry – Fuel Tank Upgrade

For more details contact: Tate Cromie – 0466 655 612
Tate.Cromie@boral.com.au

<table>
<thead>
<tr>
<th>Concern</th>
<th>Cause</th>
<th>Countermeasure</th>
<th>Outcome</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel tank under capacity. Fuel Management System Malfunctioning (Not recording usage).</td>
<td>Tank – 45,000lttrs Site using – 11,000lttrs p/day Old software on FMS</td>
<td>Install state of the art online wireless FMS with self bunded 110,000lttr tank</td>
<td>10 days worth of fuel storage. FMS recording all usage, that anyone can view on any computer. No loss of production due to fuel.</td>
</tr>
</tbody>
</table>
# House Keeping - Deer Park Quarry

For more details contact: Joe Bellofiore  
joe.bellofiore@boral.com.au

<table>
<thead>
<tr>
<th>Concern</th>
<th>Cause</th>
<th>Countermeasure</th>
<th>Outcome</th>
</tr>
</thead>
</table>
| All personnel are at risk of injury due to poor housekeeping  
Bobcat to clean twice weekly | Excessive plant dust and spillages  
Operators to maintain plant | Repair conveyor skirts and rock boxes  
Operators to maintain plant | Good housekeeping promotes less chance of injury and clean work environment |
Dust Monitoring - Orisis monitors

Dr Richard Strauch, Group Environmental Advisor, Boral Corporate
A Typical Day

This is actually what the Orisis monitors reported for Thursday December 3

Alarms and event investigations can be based on this.
But this is how best to interpret and report overall, given the health standard is a 24hr average figure.
Weed management

Cassi Sartori, Environmental Coordinator, Boral OHS Functional Group
Weed Management Plan within the Northern Grassland

Deer Park Quarry Environmental Review Committee - 10 December 2015

• Brett Lane and Associates management plan produced in 2013 - 5 year plan
• 3 stages
BL&A described serrated tussock as the most widely spread species within the study area.
Map summary: Serrated Tussock is the most established noxious weed within the Northern Grasslands. Significant reduction has been made in the past year regarding mature plants but there has also been a high percentage of new growth.
Artichoke Thistle in the Northern Grassland
May 2013
Deer Park Quarry Environmental Review Committee- 10 December 2015
Map summary: Due to weather conditions, the Artichoke Thistle had three separate recruitment phases in 2015. This map only represents the first recruitment in March of 2015.
<table>
<thead>
<tr>
<th>Species</th>
<th>2013 (EC)</th>
<th>2013 Area Ha</th>
<th>2015 (EC)</th>
<th>2015 Area Ha</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serrated Tussock</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;20%</td>
<td></td>
<td>33.5</td>
<td>&lt;20%</td>
<td>30.4</td>
</tr>
<tr>
<td>20 - 50%</td>
<td></td>
<td>38.5</td>
<td>20-50%</td>
<td>34</td>
</tr>
<tr>
<td>&gt;50%</td>
<td></td>
<td>25.3</td>
<td>&gt;70%</td>
<td>9</td>
</tr>
<tr>
<td>Chilean Needle Grass</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 - 10%</td>
<td></td>
<td>6.5</td>
<td>1 - 10%</td>
<td>4</td>
</tr>
<tr>
<td>&gt;10 - 50%</td>
<td></td>
<td>7.6</td>
<td>&gt;20%</td>
<td>22</td>
</tr>
<tr>
<td>&gt;50%</td>
<td></td>
<td>1.9</td>
<td>30-40%</td>
<td>13</td>
</tr>
<tr>
<td>Artichoke Thistle</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;10%</td>
<td></td>
<td>97.3</td>
<td>&lt;10%</td>
<td>94.4</td>
</tr>
<tr>
<td>African Box Thorn</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;10%</td>
<td></td>
<td>96</td>
<td>&lt;10%</td>
<td>97.4</td>
</tr>
<tr>
<td>10 - 50%</td>
<td></td>
<td>1.4</td>
<td>10 - 50%</td>
<td>0</td>
</tr>
</tbody>
</table>

EC = Estimated Coverage
Spring 2015
- Boom spray serrated tussock, chilean and cane needle grass.
- Hand weed rice flower pens

Summer 2015-2016
- reduce fox and rabbit populations
- Spot spray serrated tussock

Autumn 2016
- Mosaic Burn
- Spot and Boom spray serrated tussock, chilean and cane needle grass
- Collect seed from Kangaroo Grass and other native grasses

Winter 2016
- Continue spraying serrated tussock – re treat areas from autumn mosaic burn
- Direct seed indigenous grasses
Map summary: Eight sites were chosen to plant recommended native grassland herbaceous species while the only site to be seeded with native grass species was a controlled burn site in stage 3.
Deer Park Quarry Replacement Project Update

Luke Brown, Project Sponsor - Deer Park Quarry Replacement Project
Replacement Plant Project Next Steps:

- Received Planning Approval 18th November from MCC

- Site establishment underway, target completion end 2015

- Concrete foundations to commence January 2016, Construction to take approx 18 months.

- Commence operation ramp up of new plant mid 2017

- Council requirement to ramp down old plant and cease production 2018
Boral Deer Park Operations
General business and community news
Erin Furmanczyk, Stakeholder Relations Advisor (Southern Region)
Proposed meeting schedule 2016

1. Thursday 17 March, 5.00pm
2. Thursday 14 July, 5.00pm
3. Thursday 17 November, 5.00pm

Dates are indicative only and are subject to change.
THANK YOU FOR YOUR ATTENDANCE

- **Boral Deer Park contacts**
  - [deerparkenquiries@boral.com.au](mailto:deerparkenquiries@boral.com.au)
  - Quarry – 9363 7850
  - Asphalt – 9360 4255
  - Concrete – 9361 2196
  - **Erin Furmanczyk** – Stakeholder Relations Advisor
    03 9981 2925 or [erin.furmanczyk@boral.com.au](mailto:erin.furmanczyk@boral.com.au)
  - **Paul Jackson** – Stakeholder Relations Manager
    02 9033 5215 or [paul.jackson2@boral.com.au](mailto:paul.jackson2@boral.com.au)