

Boral Deer Park Operations Community Newsletter



Update on Deer Park Operations

The team at Boral's Deer Park Operations are pleased to present the first community newsletter. This edition looks at the Ravenhall operations and the four Boral businesses operating there. We also provide an update on the landfill planning application currently before Melton City Council.

This is the first of what will be a regular update newsletter for the community. In future, it will be distributed via email to those who are interested. To register for email updates, please go to our website www.boral.com.au/deerpark and hit the Register for Newsletter link.

What do we do at Deer Park?

Boral has been at the present Ravenhall site since 1965.

We own and operate four businesses at Ravenhall which provide more than 200 local jobs. The site supplies essential building materials such as asphalt and concrete to Melbourne's building and construction industries. Asphalt from Deer Park has also been used extensively to build local roads, including the Deer Park bypass of the Western Freeway. The site includes a hard rock quarry, asphalt plant, concrete plant and a landfill. Boral owns the land between Hopkins Road and Christies Road, and from Middle Road up to the Ballarat Rail Line.



Deer Park Quarry - Essential materials for the building and construction industry

The quarry is a major source of hard rock aggregate for Melbourne's building and construction industries. Each year, the quarry produces between two-and-three million tonnes of basalt-based aggregate. These aggregates provide the base material to produce concrete, asphalt and other items commonly used in building and construction applications.

Did you know?

- The quarry site occupies 1,150 hectares and operates 24 hours a day, six days a week.
- Once rock material within an area of the quarry has been completely extracted, the empty space is used for landfilling.

Deer Park Asphalt - Building roads for western Melbourne and its surrounds

Asphalt produced at Deer Park can be found on numerous major and suburban roads across Melbourne, particularly around the Melton and Wyndham Council areas. A great example of this is the nearby Deer Park Bypass of the Western Freeway – it was exclusively surfaced using asphalt from the site.

Did you know?

- The asphalt plant produces up to 250,000 tonnes of asphalt per year using aggregates from the neighbouring quarry.
- The site has capacity to integrate recycled asphalt product (RAP) into production, which means a reduction in use of new raw resources.

Western Landfill – Essential infrastructure for western Melbourne

Landfilling began in 1999 and is undertaken in areas where quarrying has been completed.

The active landfill is a maximum six hectares (6ha) at any one time and is carefully prepared for landfill use.

The open 'tip face' is smaller than a 50 metre swimming pool and is completely covered over with soil every night to reduce odour and litter.

Did you know?

- Boral's landfill facility does not accept asbestos, liquids, toxic or hazardous waste and has no plans to do so in future.
- Each 6ha landfill area takes 12-24 months to fill. Once it reaches capacity it is completely covered over with soil and rehabilitated to create grassed areas that match the surrounding landscape.
- Most of the current landfill comes from western and northern Melbourne homes and businesses

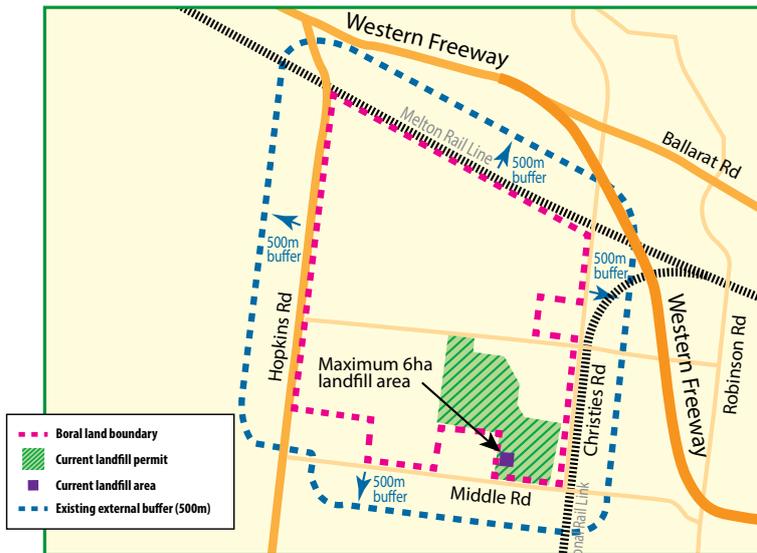
Deer Park Concrete – Commercial and domestic customers

The concrete plant began production in 2001 and supplies an average of 200 cubic metres per day to commercial and residential sites around the greater western Melbourne area.

Did you know?

- Raw materials to produce concrete at the site are supplied by the neighbouring quarry (hard rock) and Boral's Bacchus Marsh Quarry (sand).

Current landfill operations at Boral Western Landfill



Seven Important Things About Our Landfill Activities

1. **No Waste Increase:** The planning application with Council does not change the amount of waste Boral receives or the size of its operations.
2. **No Increase to Landfill Site:** We will continue to undertake activities in an area which is a maximum 6ha in size. The active tip face is a much smaller area - less than the size of a 50 metre swimming pool.
3. **Maintenance to Reduce Odour and Litter:** The open tip face is completely covered over with soil every night to reduce odour and litter.
4. **Rehabilitation:** Each 6ha landfill area takes 12-24 months to fill. Once it reaches capacity it is completely covered over with soil and rehabilitated to create grassed areas that match the surrounding landscape.
5. **Reducing Odour:** In the past year we have invested \$2 million in odour mitigation. We regularly monitor odour, are investigating fixed systems and continually looking at various odour masking agents.
6. **Reducing Litter:** We have invested over \$800,000 in the past year on measures to minimise and mitigate litter escapes. We have erected a 12 metre litter fence and the site has a dedicated litter collection team which works across the operations and their boundaries.
7. **Buffer:** The landfill application has a planning buffer of 500m. The Deer Park facility is in an area that is currently zoned as an 'industrial precinct'.

Current planning application

In late 2013, Boral submitted an application to Melton City Council to amend the existing planning permit it has in place for landfilling activities. Approval will ensure the landfill can continue to follow the quarry across Boral's 1150ha of land. The landfill offers an efficient way to fill in the empty spaces created by the quarry. Melton City Council will make a decision on the application in late May 2014.



Photos of the rehabilitated Northcote International Park

Like many successful landfills across Victoria, a long-term rehabilitation plan has been developed for the site' once landfilling works are complete. Possible uses for this land include:

- open public spaces,
- native vegetation offsets,
- revegetation,
- recreation uses (golf courses) or
- renewable energy production.

An Essential Piece of Melbourne's Infrastructure

The Boral Western Landfill has been operating since 1999 and is responsible for managing more than 20 percent of Melbourne's waste, predominantly from the homes and businesses of western & northern Melbourne, including Melton and Brimbank City Councils.

Contact us

If you would like to find out more, please contact **1300 361 286**, OR email **deerparkenquiries@boral.com.au** Or to register for email updates please go to our website **www.boral.com.au/deerpark** and hit the **Register for Newsletter** link.