



STONYFELL QUARRY

Community information

Issued 29 August 2018

The quarry operated by Boral Resources at Stonyfell is one of the oldest in the state, and was first regulated by the Department of Mines in 1837. Stone from this quarry played a major role in the construction of Adelaide's first road and rail infrastructure, and the quarry is an important state resource today – producing road base, aggregates and washed sands for concrete manufacturing.



Quarrymen and Quarry Industries truck at Stonyfell Quarry, circa 1920

Government of South Australia's regulatory requirements

The quarry is regulated by the Department for Energy and Mining under the *Mining Act 1971* and *Mining Regulations 2011*. The quarry is also licensed under the [Environment Protection Act 1993 \(EP Act\)](#). The departments work together to ensure consistent and efficient environmental regulation of the mineral resources sector including this site.

The EPA licenses activities of environmental significance and monitors water, air and noise pollution. The EPA's role includes ensuring that all reasonable and practicable measures are taken to protect, restore and improve the environment and safeguard people's health and wellbeing. In undertaking its responsibilities, the EPA works closely with communities, industry, local councils, universities and other government agencies to enable innovative and sustainable environmental practices.

Boral Resources (SA) Ltd – EPA Licence [1630](#)

The Boral Resources (SA) Ltd (Boral) quarry at Stonyfell is [licensed by the EPA](#) to undertake prescribed activities of environmental significance under Schedule 1 Part A of the *EP Act*. Its current licensed activity is 7(7) – *Extractive industries*, which allows mineral extraction (quarrying).

All EPA licensees are required to comply with their environmental obligations including those outlined in the *EP Act*, *Environment Protection Regulations 2009* and *Environment Protection Policies* made under the *EP Act*. They must also take all reasonable and practicable measures to minimise impacts on the environment and the local community. Additionally, the 'General Environmental Duty' under Section 25 of the *EP Act* requires all reasonable and practicable measures be taken to prevent or minimise environmental harm.

The EPA is also able to set licence conditions, which are developed through discussion between the EPA and the licensee. It works with companies to assist them to comply, conducts regular inspections of facilities and reviews compliance with licence conditions. Some of the key licence conditions that Boral is required to meet at the Stonyfell quarry are:

- Dust prevention, including development of a dust management plan.
- Stormwater contamination minimisation, including use of an effective silt retention device.
- Noise management – to take all reasonable and practicable measures to prevent noise from leaving the premises, including development of a noise management plan.
- Bunding to ensure products are stored and loaded appropriately.
- Maintenance of a complaints register and actions undertaken to address feedback.
- Stonyfell Quarry Flow and Water Quality Monitoring Plan.
- Dragout minimisation caused by trucks and other vehicles exiting the premises.
- Stormwater management.
- Pollution control.
- Wastewater management.

Application to add waste recycling activity to the licence

Boral has been recycling its own concrete material at the Stonyfell site for some time. While there was no adverse environmental impact from this activity, it needed to be included on Boral's EPA authorisation. The relevant licence activity is for a 'waste recycling depot', and Boral has submitted an application to undertake this activity. This will allow Boral to formalise its existing practices associated with recycling and management of its own concrete.

As with all such licence applications, the EPA notified neighbouring properties of the application. An advertisement was inserted in *The Advertiser*, and the application was placed on the [EPA Public Register](#). This provided an opportunity for the community to provide feedback on this proposal.

The application has undergone consideration by the EPA, having regard for community feedback. The EPA has advised Boral that it will place a condition on its licence, so that it is able to receive only the concrete waste originating from Boral's own operations.

So what is meant by 'waste'?

The EPA regulates all major industries in South Australia, so the definition of 'waste' under the EP Act is broad as it applies to all industries. As part of its operations at the Stonyfell Quarry, Boral recycles and reuses waste material generated through cleaning and maintenance of onsite equipment and returned concrete from deliveries.

The EPA encourages and supports the environmentally beneficial reuse and recycling of material that would otherwise be regarded as waste. These activities need to be licensed by the EPA. The EPA has required Boral to apply for a variation to its licence to formalise its existing practice of recycling and reusing concrete waste material on site.

No new activity is proposed at the site.

While Boral's application initially sought permission to receive construction and demolition material, it has now advised this is no longer the case.

Since the public notification was sent out on 13 July 2018, Boral has confirmed that it does not intend to take material from external sources or receive waste material from other sites.

An EPA licence imposes enforceable conditions on the company, to ensure that the type of waste received remains restricted, and to ensure that its activities continue to meet environmental standards.



EPA authorisation

The EPA considers that Boral's reuse and recycling of material – that would otherwise be regarded as waste – is beneficial to the environment. It can reduce the need for blasting and crushing of new material.

As part of the application assessment, the EPA has considered community concerns that these activities may result in an increase in traffic.

The EPA has placed a condition on Boral's licence to restrict the types of waste to be recycled at the quarry to those that are owned by Boral, so there will be no change to the existing operations.

Boral will not be authorised to receive any Construction and Demolition waste.

Why the EPA is proposing to allow Boral to receive waste at Stonyfell

The *EP Act* outlines a waste management hierarchy in which the preferred treatment of waste is as follows:

- **avoid** the production of waste
- **minimise** waste
- **reuse** waste
- **recycle** waste
- **recover** energy and other resources from waste,
- **treat** waste to reduce impacts; and as a last resort
- **dispose** in an environmentally sound manner.

In its application to add a new prescribed activity, Boral has advised the EPA that the material is for the following beneficial use:

- potential repurposing for reselling as a product
- construction and maintenance of onsite roadways and other onsite infrastructure
- progressive rehabilitation of the mined quarry site.

24 hour incident reporting: phone (08) 8204 2004

The EPA has a pollution reporting hotline available 24 hours a day, 7 days a week.

To make a report please record everything that you can about the incident: date and time, your exact location, and other observations such as weather conditions. Where possible, photographic and video evidence can be provided and are valuable especially from different angles. Please ensure date and times are accurate on your device.

Community engagement

The EPA has a dedicated community engagement team that always welcomes the opportunity to hear from local residents in person or via phone, letter and email.

You can contact the Principal Adviser Community Engagement on:

Phone: (08) 8214 4216 or

Email: engage.epa@sa.gov.au



FURTHER INFORMATION

For **further information** please contact:

Environment Protection Authority

GPO Box 2607, Adelaide SA 5001

Telephone: (08) 8204 2004

Email: engage.epa@sa.gov.au

Website: www.epa.sa.gov.au

For **Boral Resources Ltd** please contact:

53 Stonyfell Road

Stonyfell SA 5066

Phone: (08) 8333 0404 (Quarry Manager)

Email: feedback@boral.com.au

Website: www.boral.com.au/stonyfell

www.boral.com.au/feedback

