



**COCKBURN CEMENT**

## *Odour Neutraliser Trial – Summer 2018/2019*

**We plan to commence an “Odour Neutraliser Trial” during the coming summer months of 2018 and 2019, as part of our Odour Management Plan for the Munster plant.**

The Odour Neutraliser system we plan to trial was developed in the United States and has been used successfully in manufacturing plants in Europe and many other odour control applications globally.

The system works by mixing the neutraliser solution with water and then spraying the mixture directly into the base of the stack under pressure to create very small droplets that effectively capture and absorb odourous molecules.

The neutraliser solution contains a proprietary mix of essential oils and water. It is non-toxic, non-flammable, completely biodegradable and environmentally safe.

The system neutralises the odour and therefore works very differently to a deodorising system, which only masks odour.

The environmentally safe product is perfectly suited to our operations at Munster. It has been proven in many applications to be safe and effective in neutralising odour.

Use of the Odour Neutraliser in a similar application at a cement manufacturing plant in Europe resulted in a reduction in odour.

We will be conducting community engagement activities throughout the trial of the Odour Neutraliser.

### **Contact Us**

Any members of the community with questions regarding the trial can contact us via:

**Community hotline:** 1800 156 826

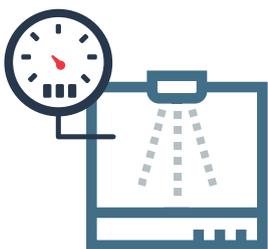
**Email:** [community@cockburncement.com.au](mailto:community@cockburncement.com.au)

**Register for a Plant tour via our community website:**

[www.cockburncementcommunity.com.au](http://www.cockburncementcommunity.com.au)

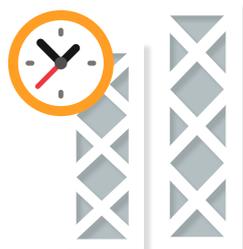
and click on the registration link in the community section.

**Cockburn Cement has planned a trial of the Odour Neutraliser application in three stages:**



### **Stage 1**

Commissioning of equipment and determination of optimum application levels



### **Stage 2**

Stack testing analysis to understand effectiveness in collaboration with the Department of Water, Environment and Regulation.

The first two stages of the trial will be completed within 48 hours each and will be conducted during day shifts with rigorous monitoring in place throughout all aspects of the trial.



### **Stage 3**

Extended continuous trial over the summer period 2018-2019 to evaluate effectiveness. Evaluation methods will include field odour surveys, analysis of data from stack testing and community engagement.