



*Building a Stronger WA since 1955*

an **ADBRI** company

**DECEMBER 2022**

**WHAT YOU NEED TO KNOW**

## Odour Reduction Trials

Cockburn Cement Limited (CCL) has undertaken extensive work over many years to investigate community odour concerns. Investigations found odour can be generated in CCL's stacks when the raw material, shellsand, is heated between 400°C – 600°C. By modifying the process and exposing the shellsand to higher temperatures, earlier laboratory trials indicated it can destroy odour causing substances before they are emitted, this is referred to as the Engineering Solution.

In August 2022, the Department of Water and Environmental Regulation (DWER) approved a Works Approval for CCL to conduct trials to explore ways to reduce the risk of odour in the stacks at the Munster site until May 2023.

The trial changes the feed location of shellsand, as well as the temperature profile of Kiln 6, the largest of our Munster kilns. We anticipate this will reduce or eliminate the risk of odour in the kiln stacks by thermal oxidation – the process which destroys potential odour causing compounds.



## When are the trials occurring?

The Engineering Solution has been installed and the odour reduction trial is currently in the environmental commissioning phase. To date, the trials have been run, over relatively brief time periods, to allow the testing activities to be performed within the requirements of CCL's Works Approval.

The trial will continue cautiously to allow for further optimisation and testing of the solution throughout the environmental commissioning phase and to ensure CCL gathers essential information across the 2022/23 summer period. The trials will continue until May 2023.

## The process

The trial is planned over the summer period, with the scientific information being gathered used to support any application that CCL makes to DWER to implement this solution on a permanent basis.

The Engineering Solution has required substantial investment in research, engineering design and construction. It is also an innovative solution that potentially has a significantly smaller environmental footprint than other solutions investigated by CCL, including lower energy use and reduced waste production.



## Your involvement

If you would like to find out further information about the Odour Reduction Trials, including information on air quality in the Cockburn area, please see our [Cockburn Cement Community website](#) for further details.

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## Court findings - DWER

On Thursday, 1st December 2022, Cockburn Cement Limited (**CCL**) was found not guilty of breaching the *Environmental Protection Act 1986* in relation to seven charges of unreasonable emission of odour from its Munster site in 2019 and guilty of six from a total of 13 charges. The prosecution had previously withdrawn two other charges.

Colin Powers, WA Operations Manager, Cockburn Cement said that while the verdict on the six charges was disappointing, the team was focused on – continuing the trials as per the Works Approval to reduce potential odour in the kiln stacks, *“Being a long-term social and economic partner to the community means continuously focusing on improvements as we continue to operate the Munster site and deliver benefits to the community and Western Australia.”*

CCL is a long-term partner of the State and has a proud history of being part of the local community since 1955. As part of our commitment to reducing the operational impact on the local area, CCL is now conducting trials to explore ways to reduce the risk of odour in the community from the Munster site.

Trials approved by DWER in August 2021 are continuing. CCL intends to provide further project updates about the odour reduction trials progress on the Cockburn Cement Community website.

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## Year in review – our 2022 sponsorships and partnerships

Through partnerships and sponsorships, we bring together local communities through programs and other events that will have long-term benefits for our local area, including sports, education, environment and cultural opportunities.

In 2022 we were excited to introduce some new community partnerships, including Cockburn Cobras Football Club, Beeliar, Meeples, Decks and Dice, Fremantle City Women's Soccer and welcome back some familiar faces, including KIC iWomen Program and the Cockburn Community Art Awards.

The 2022 Community Investment Program has now closed for the year and we look forward

to opening the 2023 submissions early next year. Stay up to date by subscribing to our regular operational and community newsletters.

### Congratulations to Cockburn Cobras Women's Football Club



This year, we were proud to be silver sponsors of Cockburn Cobras Women's Football team who fielded teams in C4 grade. The brand new team was a force to be reckoned with this season finishing third on the Perth Football League ladder.

Team Captain, Chelsea Rudd was proud of the young team's achievements this year and noted the importance of sponsors for community sports, "A club and team are reliant on their sponsors as without them we wouldn't be able to get our uniforms together or have all the wonderful opportunities down at the club each year.

"A big thank you to Cockburn Cement on behalf of not only the club but the Women's Team who started out this year. With any new side starting, you never know how it will go but we've had a cracker of a season and are into the finals now which is incredibly rewarding.

"Each of us ladies that step on the field is incredibly grateful that we get to enjoy this experience and particularly get to enjoy it as a team. We love the game and the camaraderie that it creates! We wouldn't have that opportunity without sponsors- so thanks again!"

Congratulations and we look forward to seeing your continued success in 2023!



## Lifesaving training for Clontarf Aboriginal College students



Cockburn Cement is proud to have sponsored first aid Training for year 11 students at Clontarf Aboriginal College in Waterford. Basic First Aid knowledge is essential not only because it saves lives, but also allows participants to reflect on how they and their classmates may react in life-threatening situations.

## Fairy terns trial breeding site

In 2020, DBCA leased a portion of Boundary Island, south of Mandurah, to create a trial breeding site for fairy terns. A semi-permanent fence was constructed to exclude people and domestic dogs, weeds were removed, and an artificial shoreline was created using bags of shell grit donated by Cockburn Cement.

The Australian fairy tern is State and federally listed as threatened and without active conservation intervention, the migratory population occupying southwestern Australia is likely to decline.

The breeding site has been deemed a success with six fairy tern pairs attracted to the site in the 2021 season. Volunteers from the WA Fairy Tern Network used fairy tern decoys and playback calls to attract the birds.



A baby fairy tern under mum's wing. Photo – Claire Greenwell.

## **Munster land use update**

In early September, we advised that Cockburn Cement's parent company, Adbri, was exploring an option to excise a surplus parcel of land at our Munster site for light and general industrial purposes.

Thank you to the residents who attended our community information sessions and shared their feedback on the proposed rezoning of the land. Adbri is still reviewing potential land use options and we will share more information as the project progresses.

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## **More information**

Community members can also provide feedback on our community 24/7 hotline on 1800 156 826 or email [community@cockburncement.com.au](mailto:community@cockburncement.com.au), where one of our team will be happy to assist you.

It is important to us that Cockburn Cement information and news are readily available, easy to access, current and informative. Cockburn Cement intends to provide further updates to the community as the Odour Reduction Trial progresses.

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