

Media Statement

Environment Protection Authority



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Improvement in emissions at Bradken Foundry

The Bradken Foundry at Cromwell Road in Kilburn has reduced odour emissions from the plant to within acceptable limits.

Odour has been an ongoing source of complaint from the foundry over a number of years and the EPA required that the company undertake work at its premises to reduce odour, with a deadline of 27 February 2017.

The EPA has received a report which includes independent verification of testing of stack emissions, as well as dispersion modelling, which demonstrate that Bradken has complied with its EPA licence conditions as well as the *Environment Protection (Air Quality) 2016 Policy*.

In January 2016 the EPA gave Bradken a deadline of February 2017 to ensure that its odour emissions do not exceed ground level odour concentrations of 2 odour units in the residential area. An odour unit is a measurement of the intensity of odour and 2 odour units is the maximum allowed for urban residential areas like Kilburn. Odour at 2 odour units is still noticeable but not offensive to most people.

In order to reduce its odour emissions, Bradken installed a new enclosed roof, extraction system and stacks. The new extraction system has effectively reduced ground level odour to acceptable levels. The dispersion modelling confirmed that the ground level concentrations of odour are 0.9 odour unit at the nearest residence and below the 2-odour-unit compliance criteria.

The EPA is undertaking further ground level odour assessment using a handheld instrument to gain further information on indicative odour concentrations in the surrounding residential area.

EPA Acting Director Operations Stephen Barry said: “The results were pleasing and a move towards reducing the impact of industrial operations on nearby residents”.

“Bradken has put the necessary steps in place and investment in equipment to reduce the impact on the local community”.

“While compliance with the odour limit has been achieved, low levels of odour may still be detected intermittently. The EPA will continue to work to ensure ongoing compliance with the odour levels and to ensure all environmental impacts on the community are resolved,” he added.

Bradken’s EPA licence, outlining the conditions it must adhere to, is available on the [EPA website](#).