

James Stanfield  
Ridgemill Pty Ltd  
Via email: [James@ridgemill.com.au](mailto:James@ridgemill.com.au)

**OVERSEAS PASSENGER TERMINAL (TENANCY 5) – MICRO-BREWERY  
ODOUR EMISSIONS CONTROL**

Dear James,

Ramboll Environ Australia Pty Ltd (Ramboll Environ) were engaged by Jimmy's On The Mall Pty Ltd (the Proponent) to provide an air quality impact assessment of the construction and operational phases of the proposed indoor and outdoor restaurant and bar (incorporating a micro-brewery) at Terminal 5 of the Overseas Passenger Terminal (OPT), Circular Quay West. The air quality impact assessment formed part of the Environmental Impact Statement (EIS) prepared by Keylan Pty Ltd, dated 16 November 2016.

Date 20/03/2017

The assessment of operational phase emissions included the quantification of potentially odorous vapours (quantified as ethanol) from the micro-brewing process. Quantified emissions were compared with emission calculation and dispersion modelling completed by Ramboll Environ for significantly larger brewing operations. The quantification exercise identified that emissions would be negligible and not likely to cause any odour impacts to the surrounding environment.

Ramboll Environ  
Level 3  
100 Pacific Highway  
PO Box 560  
North Sydney  
NSW 2060  
Australia

T +61 2 9954 8100  
F +61 2 9954 8150  
[www.ramboll-environ.com](http://www.ramboll-environ.com)

The calculation of emissions from the micro-brewery did not assume any mitigation measures to reduce releases to atmosphere. Following the submission of the EIS, the Proponent have advised that the proposed brewing unit will be fitted with a vapour condenser system. The vapour condenser will convert odorous vapour emissions from the brewing process into wastewater. Consequently, due to the addition of the vapour condenser system, odorous emissions to atmosphere during the brewing process are not expected to occur.

The addition of the vapour condenser system to the proposed micro-brewery at the OPT further supports the conclusions of the original air quality impact assessment that the operation of the proposed development will not cause odour impacts in the surrounding environment.

Yours sincerely



**Scott Fishwick**  
Manager  
Air Quality