

## Haley Rich - Orica Kooragang Island AN Facility (08\_0129 Mod 1) - Response To Incitec Pivot Submission

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**From:** <richard.sheehan@orica.com>  
**To:** Haley Rich <Haley.Rich@planning.nsw.gov.au>  
**Date:** 9/2/2011 5:28 PM  
**Subject:** Orica Kooragang Island AN Facility (08\_0129 Mod 1) - Response To Incitec Pivot Submission  
**CC:** Felicity Greenway <Felicity.Greenway@planning.nsw.gov.au>, Lilia Donkova <Lilia.Donkova@planning.nsw.gov.au>, <carey.gent@orica.com>

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Good Afternoon Haley,

On the 28/07/11 you forwarded on a submission from Graham Woods, Global Risk Manager of the Incitec Pivot Group in relation to the Orica Kooragang Island AN Facility (08\_0129 Mod 1) as below;

*"I have a concern that the Orica modification has increased the IFR risk from 56E-06 to 60E-06 pa at the northern boundary (see Table 1 in PHA MOD 1 Report). The modification should not increase the level of risk with the Incitec Pivot boundary."*

In reviewing this submission from Incitec Pivot, Orica has reviewed the modelling results at the northern boundary in more detail and has identified that the positioning of the northern boundary at which the results were published was conservative. Correction of the northern site boundary position to comply with the actual property boundary line has resulted in a reduction of the calculated risk at the northern boundary from 56-E06 to 48-E06 for the original PHA and 60-E06 to 53-E06 for the modification. For the modification, the 50E-6 contour extends only slightly (approximately 10m) over the Orica northern boundary onto largely vacant land.

Orica submits that the minor increase in risk from 48E-6 to 53E-6 is marginal. Orica also highlights the Guidance Notes in HIPAP 4 2011 (Section 3, note 5) pertaining to adjacent industrial sites, the nature of activities and the presence of people. If you have any questions in relation to this response please do not hesitate to contact me as per the details below.

Regards

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