



KOORAGANG ISLAND

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27 October 2021

NSW Department of Planning, Industry and Environment
4 Parramatta Square
12 Darcy Street
Parramatta NSW 2150

Via Major Projects Planning Portal
Att: Thomas Bertwhistle

Dear Thomas,

RE: Orica Kooragang Island Expansion Project (08_129): MOD 5: Stack Height

As discussed, Orica KI confirm that the proposed stack height for the Prill Tower Scrubber Project (08_0129 MOD5) is 37.5m. The AQIA modelling calculation included in the Environmental Assessment was based on a 37.5m high emission point, but due to differences in drawing dimensions during preparation of the AQIA a drawing showing the stack height a 37.9m was included in the text of the report.

Following the confirmation of a 37.5m stack height after submission, and after consulting with the air quality consultant, this text in the AQIA was allowed to stand on the basis that the height difference was immaterial (ie. 0.4m) and the fact the modelled emissions were well below the regulatory limits. It should also be noted that the drawings included in the EA were not final "for construction" drawings. Furthermore, the final stack height was driven by the disturbance free requirements to meet the Australian Standards for the position of the stack sampling port for isokinetic sampling, not to meet air quality limits.

Please find attached the latest general arrangement drawing showing the stack height as 37.5m. As noted previously, "for construction" drawings have not been prepared at this stage of project development, but any changes from this point are likely to be minor engineering changes to improve constructability or maintainability.

If you require any further information, please do not hesitate to contact me.

Yours sincerely,

A handwritten signature in blue ink that reads "Nathan Robinson".

Nathan Robinson
Senior Specialist – Environmental Specialist

Attachment A – ANP1 Prill Tower Emissions Abatement Irrigated Fibre Bed Scrubber - General Arrangement Drawing and Side View (as file "C7711-000-ME-GA-00-0004_rA.pdf")