

20 April 2015

Philip Towler  
Associate Director  
EMGA Mitchell McLennan  
Via email: [ptowler@emgamm.com](mailto:ptowler@emgamm.com)

**RE:Air Quality and Greenhouse Gas Assessment for the Proposed Construction and Operation of the Georges Cove Marina**

Dear Philip,

It is understood that Benedict Industries Pty Ltd are re-applying for the proposed construction and operation of the Georges Cove Marina at 146 Newbridge Road, Moorebank.

An air quality and greenhouse gas assessment for this project was prepared in late 2011 by Todoroski Air Sciences (**Todoroski Air Sciences, 2011**). The assessment concluded that the project would comply with the relevant guidelines for amenity and health impacts and recommended that an operational management plan be developed to ensure the application of appropriate mitigation measures are applied to each of the proposed activities.

We have reviewed the proposed plans for the Georges Cove Marina and find that there is no alteration proposed which would affect the potential for any additional air quality impacts to arise from this current proposal when compared to the previously proposed plans.

The proposed construction operations would be the same with the hours of construction activity occurring from 7:00am to 5:00pm. The majority of construction activities would involve excavation and handling of material naturally high in moisture from low-lying area which would have low potential to generate dust emissions. During the construction operation, appropriate dust management measures will be applied and hence our original assessment stands, in that the construction activity would not result in any tangible increase in dust levels at receptors.

Operations associated with the on-site fuel, waste handling operations and boat maintenance activities would remain the same. The current plans indicate that there is no change to the workshop size, design and location and hence it is expected that there would be no change to the predicted maximum concentrations of air pollutants associated with this activity. The modelling predictions applied conservative parameters which indicated that the maximum predicted levels in the modelling domain of air pollutants would be below the respective criteria and therefore it is expected that only negligible levels of air pollutants are likely to be expected at sensitive receptor locations.

The previous assessment is based on current assessment criteria and the predicted impacts in the surrounding environment are unchanged. As such, the Liverpool Council assessment report's statements on air quality and greenhouse gas based on the previous assessment remain valid for this project.

Please feel free to contact us if you need to discuss (or require clarification on) any aspect of this work.

Yours faithfully,

Todoroski Air Sciences



Philip Henschke

## References

Todoroski Air Sciences (2011)

"Air Quality Assessment for the Proposed Construction and Operation of the Georges Cove Marina", prepared by Todoroski Air Sciences for Benedict Industries, December 2011.

