

10 December 2015

WM Project Number: 15428  
Our Ref: 15428 Ltr 101215 NH

Todd Ewart  
EPM Projects  
PO Box 124  
ST LEONARDS NSW 2065

Dear Todd

**Re: Medowie Christian School, Stage 1 Administration Building & Concept Proposal - Noise Statement**

Upgrade works are proposed for the Medowie Christian School, situated along Waropara Road, Medowie. The upgrades would be completed via a staged development. A Staged Development Application (DA) is being lodged with Port Stephens Council for the following:

- Concept Proposal for proposed alterations and additions to an existing educational establishment comprising a new administration building, classrooms, refurbishment of existing classrooms, additional on-grade car parking, landscaping, playing surfaces and facilities, upgrade of site infrastructure and intensification of use to the site; and,
- Stage 1 DA for a new administration building and ancillary site works.

Wilkinson Murray has been commissioned by EPM Projects Pty Ltd to review the Stage 1 proposal and recommend the appropriate level of assessment required for potential operational noise impacts associated with the project.

The dominant sources of operational noise associated with a school are typically:

- Children in playgrounds;
- On-site carpark activities; and,
- Mechanical plant.

It is noted that no intensification, i.e. additional staff and/or students, are associated with Stage 1; and therefore, noise associated with children in playgrounds and carpark activities are unlikely to increase following Stage 1.

The new administration building proposed as part of Stage 1 is expected to feature a roof top enclosure for mechanical plant. Through proper selection of plant and careful design of the enclosure, Wilkinson Murray expects that operational noise levels associated with mechanical plant for the new administration building will comply with relevant noise goals.

Wilkinson Murray does not recommend that a detailed operational noise impact assessment is carried out at this stage. Future stages which propose intensification may require an operational noise impact assessment.

Clause 7.5 of the Port Stephens Local Environment Plan 2013 relates to development in areas subject to aircraft noise and applies to development that:

- a. Is on land that:
  - i. Is near the RAAF Base Williamtown Airport, and
  - ii. Is in an ANEF contour of 20 or greater, and
- b. The consent authority considers is likely to be adversely affected by aircraft noise.

The Australian Noise Exposure Forecast (ANEF) map for RAAF Williamtown for the year 2025, dated 10 August 2011 (<http://www.defence.gov.au/aircraftnoise/aneff/ANEFWilliamtown.asp>) indicates that the Medowie Christian School is located outside the ANEF 20 contour. Accordingly, no further assessment of aircraft noise under Clause 7.5 of the Port Stephens LEP is warranted.

I trust this information is sufficient. Please contact us if you have any further queries.

Yours faithfully

**WILKINSON MURRAY**



**Nic Hall**

Manager (Newcastle)