



Date: September 18, 2019

Reference: WE540-02F02(rev2)- Helipad Letter.docx

Multiplex Constructions Pty Ltd

Level 3, 77 Berry Street, NORTH SYDNEY NSW 2060

Attn: Tim MacLeod

RE: NEW MAITLAND HOSPITAL (NMH)
STAGE 2- STATE SIGNIFICANT INFRASTRUCTURE (SSI) APPLICATION

1 Introduction

The following letter outlines the wind and helicopter prop wash impacts from emergency helicopters flying to and from the New Maitland Hospital (NMH).

2 Helicopter Downwash Impact Assessment

2.1 Location

The proposed rooftop helipad is located on the south western wing of the NMH.

2.2 Frequency of Use

Avipro (Helicopter Landing Site (HIS) Concept Design Report for SSI Stage 1) noted the following with regards to the helicopter landing site frequency of use:

"The number of helicopter movements for the existing Maitland Hospital is approximately 2 per month being for emergency aeromedical transfers. It is anticipated, given the growth of the area and the availability of increased clinical capability at the NMH, that the use of the helicopter landing site moving forward may increase, albeit not substantially. The frequency of use will depend on patient needs and clinical transfer policies. Whilst the exact figure is unknown, it is anticipated that the frequency may be approximately 3 flights per month."

It has been confirmed, the current expected flight frequency of helicopters to and from the New Maitland Hospital (NMH) has not changed since this report.

2.3 Helicopter Downwash Impact Assessment

Due to the positioning of the helipad on Level 06 and associated flight approach paths relative to the various trafficable areas at Ground Level and the northern balconies, the downwash generated by the operation of the helicopter is not expected to provide any significant impacts upon the Ground Level areas or Northern terraces located on Levels 1, 2 or 3.

It should be noted that the Southern terraces, located on the South Eastern hospital wing at Level 3, may be affected by these down washed winds due to its relatively closer proximity to the helicopter flight path. However, provided the transient nature and low frequency of these potential impacts, it is not expected that any adverse wind conditions are going to be experienced at the southern balcony due to the helicopter downwash. It is recommended that the currently proposed balcony screening be retained as a precautionary measure.

Regards,



Simon Ronald
Associate Director

Windtech Consultants PTY LTD