

## Technical Memorandum – Fast-track Application

### WIAL Southern Seawall Renewal Project

#### Lighting

**Date:** 25<sup>th</sup> February 2026

**Author and position:** Jude Weerasinghe | Streetlight Coordinator

**Discipline/expertise:** Lighting

**Issued to:** Susannah Goble, Senior Advisor Planning

#### Introduction

This memo responds to a request for comment from the expert panel assessing the Wellington International Airport Limited (WIAL)'s substantive application to replace and upgrade its southern seawall, and associated activities, under the Fast-track Approvals Act 2024 (the Act). This memo provides comments on the project's effects on Lighting.

#### Pre-lodgement feedback on the draft application

A fixed lighting design is not possible because the location and orientation of temporary lighting will vary depending on the specific work being undertaken at any given time. Other issues identified included the long construction duration (24–30 months), which increases the potential significance of lighting effects on nearby residents, and the need to manage potential effects on biota, as well as controlling glare, spill, and colour temperature. The proposed conditions are designed to manage these effects throughout construction.

#### Review of application (and regulatory assessment)

Overall, I generally support the lighting assessment provided by WIAL in the application, including the associated regulatory assessment. The report identifies the relevant standards, assesses potential effects on nearby residential and ecological areas, and proposes mitigation measures such as shielding, directional lighting, and appropriate colour temperature selection.

The approach taken is generally appropriate for a project of this scale and recognises the need to manage spill light and glare, particularly during nighttime construction activities. However, given the duration of works and the absence of a detailed lighting design at this stage, some uncertainty remains regarding the precise extent of effects.

Subject to the inclusion of robust and enforceable conditions, such as those proposed in the draft conditions included in the application, to ensure compliance

with illuminance limits, appropriate colour temperature controls, etc, I am generally supportive of the proposed approach to managing construction lighting effects

### **Post-lodgement work with the applicant**

No significant post-lodgement work with WIAL has occurred to date.

### **Outstanding matters**

There are no outstanding matters that require resolution

### **Proposed conditions**

We support the proposed conditions relating to construction lighting. Given the nature and scale of the proposed works, we consider the recommended lighting conditions to be generally appropriate to manage potential effects on nearby residents and sensitive ecological receptors.

The proposed conditions appropriately focus on managing light spill and glare, and on compliance with relevant illuminance limits, particularly during nighttime works. We consider that clear requirements for shielding, directional lighting, colour temperature and adaptive controls limits are important to minimise adverse effects throughout construction.

### **Other matters**

No other matter.