

# EXPERT NOISE MEMORANDUM

## RFI RESPONSE - SECTION 2.4

### Construction Noise Effects: Allan/Fordyce Property

Project	The Point Solar Farm
Prepared by	Renewable Engineering Group (REG)
Prepared for	Far North Solar Farm Limited (FNSF)
Report No.	REG/CNMP001/ThePoint01 — Supplementary Memo
Subject	RFI Response 2.4 — Construction Noise Effects: Allan/Fordyce Property
Date	28 <sup>th</sup> April 2026

#### **Legal Disclaimer**

*This memorandum has been prepared by Renewable Engineering Group (REG) for Far North Solar Farm Limited (FNSF) as a supplementary response to RFI Section 2.4 raised by the Expert Panel under the Fast-Track Approvals Act 2024. It is based on information available at the time of preparation. This memorandum has been prepared solely for the benefit of FNSF and may not be relied upon by any other person or entity without prior written consent from REG.*

## Assessment

The Allan/Fordyce dwelling is located approximately 240 metres from the site access road. Construction noise levels at this distance have been assessed against NZS 6803:1999 Acoustics, Construction Noise using standard attenuation principles, with predicted levels for typical construction equipment, including hydraulic piling, excavators, and construction traffic, in the order of 47–57 dB LAeq at the dwelling facade, well below the 75 dB LAeq daytime limit. Construction traffic along the access road, comprising up to 30 heavy vehicle and 80 light vehicle movements per day, will be the most relevant noise source for this property; however, given the separation distance, the intermittent nature of movements, and confinement to standard construction hours (07:30-18:00, Monday to Saturday), noise effects at the Allan/Fordyce property are assessed as minor and consistent with typical rural construction activity. A Construction Noise Management Plan has been prepared for the project in support of this assessment.

With respect to onsite construction noise from the solar farm itself, the Allan/Fordyce dwelling is located more than 7.7 km from the solar farm construction area (Figure 1.0).

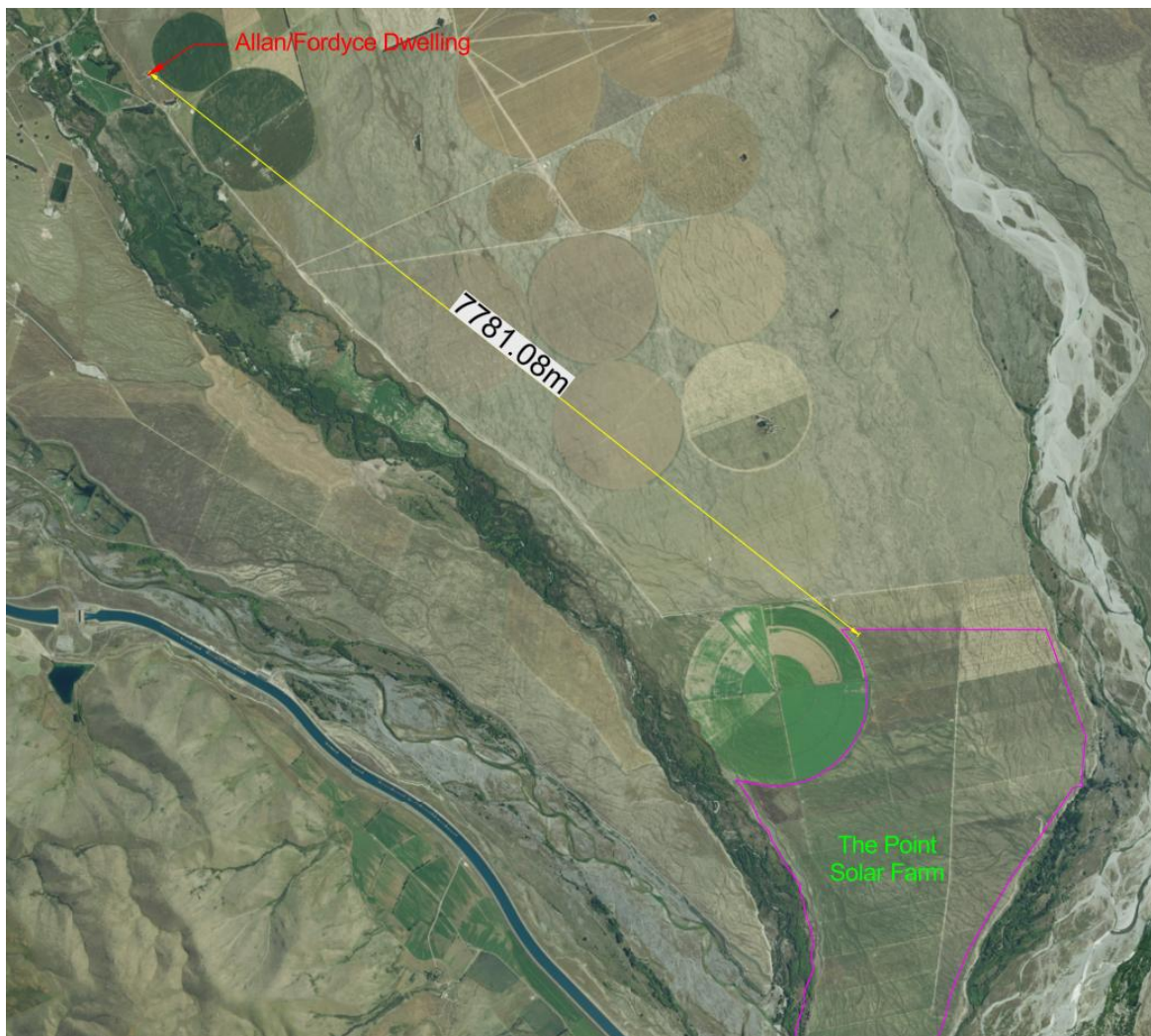
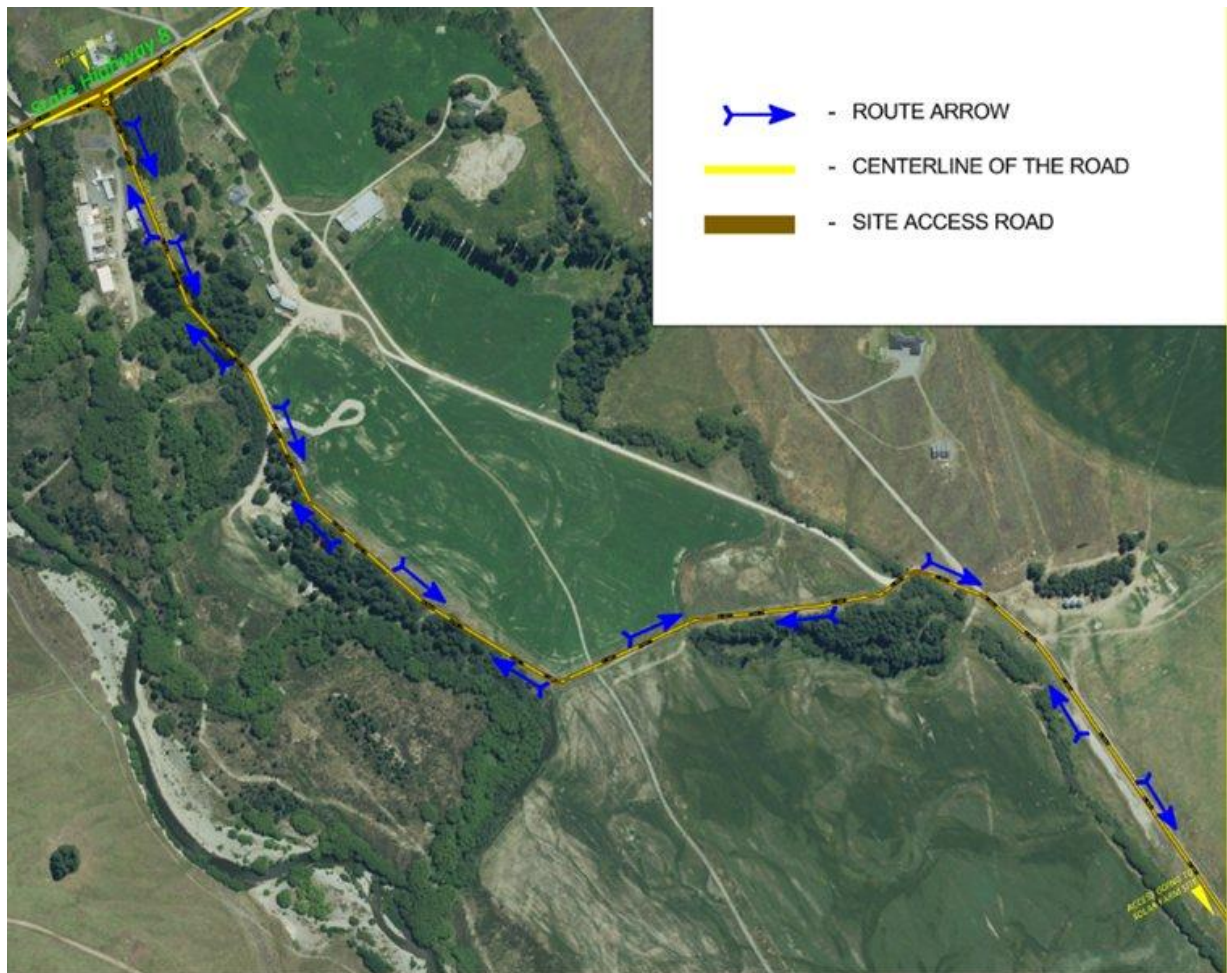


Figure 1.0 — Allan/Fordyce Dwelling distance to the Solar Farm

At this distance, construction noise from onsite activities including civil works, tracker and module installation, and electrical infrastructure will attenuate to levels indistinguishable from the existing rural ambient noise environment. An independent acoustic assessment by Marshall Day confirms that onsite construction noise will not be a noise issue for surrounding residences given the large separation distances involved. This assessment remains unchanged and no further mitigation is considered necessary in relation to onsite construction noise at the Allan/Fordyce property.



*Figure 2.0 — Construction Site Access Route*

Construction site access route from SH8 to The Point Solar Farm site entrance (yellow centreline). The Allan/Fordyce dwelling is located approximately 240 m from the access road at its nearest point.

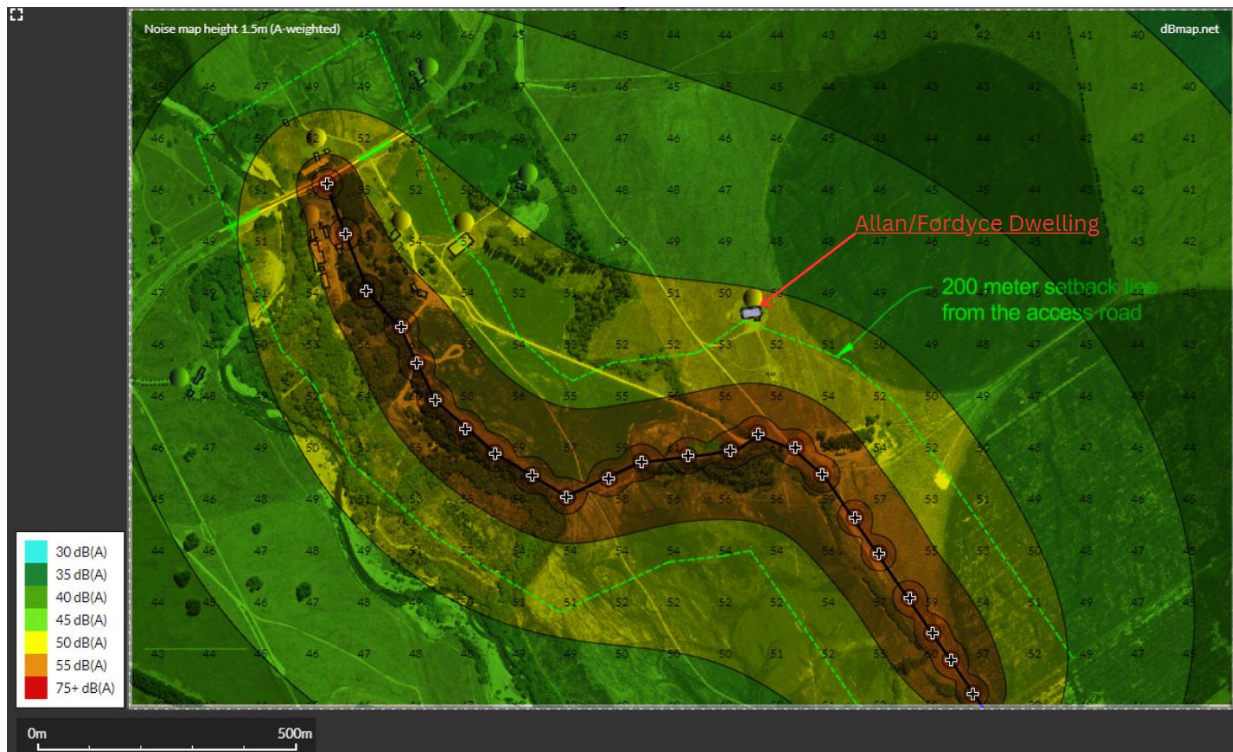


Figure 3.0 — Indicative Construction Traffic Noise Contours

Indicative noise contours along the construction access route. Red arrow indicates Allan/Fordyce Dwelling. The 200 m setback line from the access road is shown in green. At 240 m separation, predicted noise levels at the Allan/Fordyce dwelling are in the order of 47–50 dB(A), well below the NZS 6803:1999 daytime construction limit of 75 dB LAeq.

## Conclusion

Based on the assessment above and as illustrated in Figures 2 and 3, construction noise effects at the Allan/Fordyce property are considered minor in their entirety.

Construction traffic noise along the access road is predicted to be well within NZS 6803:1999 daytime limits at the confirmed 240 m separation distance. Onsite construction noise from the solar farm is a non-issue at a separation of more than 7.7 km (57dB), as confirmed by independent acoustic assessment.

Both noise sources will be temporary, confined to standard construction hours, and will cease on completion of the construction programme. No further noise mitigation specific to the Allan/Fordyce property is considered necessary beyond the measures already set out in the Construction Noise Management Plan.