

1 April 2021

Bay of Islands Planning Ltd
PO Box 795
Kerikeri 245

Attention: Deanne Rogers

Dear Deanne

**RANGITANE LOOP ROAD RECLAMATION AND CARPARKING
EFFECTS OVERVIEW STATEMENT**

We have been engaged by Far North Holdings to provide the assessment of environmental noise effects from the proposed reclamation and carparking at Rangitane, Bay of Islands. This letter provides an overview statement for the Ministry for the Environment.

The existing acoustic environment is best described as “coastal residential”¹. The area consists of modestly sized sections in relatively close proximity to each other. Residents in this area will currently receive typical levels of residential noise from distant and nearby traffic, residential activity (e.g. noise of neighbours, construction and maintenance), birds, insects, etc. The Rangitane area also receives maritime noise such as close and distant boat engine noise, wavelets, etc. Dwellings close to the existing launching ramp currently receive noise from boat launching in the early morning and during the daytime.

Our report will provide an assessment of the following:

- Effects (positive or adverse) of noise due to the change in use of the proposed boat ramp and carparking area.
- Construction noise and vibration due to the reclamation works
- Underwater noise effects on relevant fauna from any significant piling works (if required)

Mitigation measures are typically design based, such as suitable location of launching ramps and carparking areas in relation to dwellings. If construction noise and vibration is shown to have a potentially unreasonable effect on residents or marine mammals, these would be addressed either through selection of suitable processes, provision of barriers, underwater piling noise control or other mitigation measures as required.

Our assessment is not yet finalised, and we are not able to provide a conclusive statement about noise effects until traffic matters are confirmed. At this stage we consider that the ambient noise environment with the proposed ramp in operation is not likely to be *significantly* different from the existing noise environment. The extent of any noise effects (both existing and proposed) will be confirmed in our final assessment.

Please do not hesitate to contact us if you have any questions.

¹ The application site is situated on land zoned *Coastal Marine* in the Far North District Plan – Operative Version (District Plan). Properties adjacent to the proposed development are zoned *Coastal Residential*.

Yours faithfully,

MARSHALL DAY ACOUSTICS LIMITED

Peter Ibbotson

Acoustic Engineer

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