# Garden Island MF 151 – 9883/4

# Noise Mitigation Plan (NMP)

## April 2026

HUON

## Marine Farming Operations

# Document Control

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## Document Revision History

| Version | Date | Revision Summary | By |
|---|---|---|---|
| 1 | 10/04/2026 | Final | Anthony Pearce |
| 2 | 14/04/2026 | Final | Anthony Pearce |
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**NOTE:** This revision control matrix is to be kept up to date and must list the latest and each revision of the Report. The Effective date and Version number is to be incorporated in the document header on every page.

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# 1 Introduction

This Noise Mitigation Plan (NMP) has been developed as required under Environmental Licence No. 9883/4 (EL) condition N4(3) – Noise Impact Assessment and Mitigation Plan following submission of the *Garden Island Lease Grid Realignment Noise Assessment Report* **(noise report)** dated 13 March 2026.

The EPA Director determined that the noise report satisfies the requirements of conditions N4(1) and N4(2) of Environmental Licence No. 9883/4 (EL). The EPA noted that Section 8 of the report (Modelling Results) indicates that noise limits may be exceeded under several scenarios during the daytime, evening, and night-time periods. Consequently, pursuant to EL condition N4(3), the EPA has requested that Huon Aquaculture Pty Ltd (Huon) submit a Noise Mitigation Plan for approval by the Director.

The Noise Mitigation Plan sets out feasible noise attenuation measures and operational procedures to ensure on-going compliance at the Garden Island (MF151) marine farming lease. The following noise mitigation measures will be implemented, to minimise the impact of vessel noise and lease operations on residents living on adjacent shorelines, based on the predicted SoundPLAN results for the most noise exposed residences on the transit route between Hideaway Bay, Port Huon and the lease area.

Noting, a comprehensive Vessel Noise Mitigation Plan (**Plan**) has already been provided to the EPA within the *Huon River Vessel Noise Investigation Report* dated 12 January 2026. This report was formally submitted to the EPA on 14 January 2026 and included a detailed Vessel Noise Mitigation Plan in Section 9, covering all vessels expected to operate in the Huon River, including those servicing the Garden Island lease. The Plan, as accepted by the EPA includes:

- General mitigation measures;
- Vessel specific mitigation measures applicable to all relevant vessels; and
- Targeted mitigation measures for Huon Supply and Ronja Huon

Further, the EPA letter titled *Assessment of Revised Nuisance Investigation and Impact Assessment Report – Vessel Movements on the Huon River*, dated 6 January 2026, requires Huon, in accordance with section 35(8) of the *Environmental Standards for Tasmanian Marine Finfish Farming 2023*, to implement the mitigation measures set out in the report and approved by the Director.

Activity on the Garden Island lease will occur in accordance with Huon's Vessel Noise Mitigation Plan, along with the specific measures outlined below.

## 2 Mitigation Measures

The following noise mitigation measures derived from noise modelling calculations and assessment provided by Pitt and Sherry uses CONCAWE noise calculation methodology within SoundPLAN, set to 'worse case' meteorological conditions for sound propagation - light 2m/s wind blowing from the source to the receiver and the presence of a moderate stability class F, atmospheric inversion. This approach is conservative, as most vessel movements occur during daytime conditions or under wind conditions that limit noise propagation towards receivers.

Huon Aquaculture provides the following mitigation measures:

1. Exceedances to the daytime noise limits identified in the noise assessment are attributed to two vessels – *Ronja Huon* and *Huon Supply* while transiting to the Garden Island lease past Cray Point and Eggs and Bacon Bay from Port Huon. When either of the two vessels are operating within the lease area, with the feed barge operational, it is compliant with the daytime noise limits.

   Noise emissions associated with on-lease activities including feed barge operation and general works comply with the requirements of the environmental licence. In particular, noise from the feed barge is well below the noise limits for both daytime and nighttime periods, and the assessment confirms that barge operations do not result in adverse noise impacts. Huon therefore makes the following commitments:
   - Huon will continue to implement its vessel Noise Mitigation Plan across its fleet as stipulated in the *Huon River Vessel Noise Investigation Report* dated 12 January 2026.
   - Huon will continue to notify the EPA once engineering solutions have been implemented or procedural changes have been enacted. With updates of completed mitigation measures provided within two weeks to the EPA.
   - All vessels traveling to and from the lease areas will follow a defined course which generally runs central to the channel, to minimise noise impact on residences on both sides, noting that this is the only permissible course that the *Ronja Huon* and the *Ronja Storm* are able to navigate under their pilotage exemptions.
   - When multiple vessels would otherwise depart at the same time, vessel departure times will be separated by at least ten minutes, to avoid more than one vessel passing a house at the same time.
   - Doors to engine rooms and equipment compartments housing noisy machinery will be closed while passing coastal residences.
   - All exposed non-essential noise emitting equipment will be powered down when passing coastal residences.
   - Staff will regularly conduct vessel inspections and checks to minimise potential noise risks in accordance with SOP's and vessel start up procedures.

2. Daytime noise limits are only exceeded briefly when the feed supply vessel *Huon Supply* and the vessel *Ronja Huon* are in transit to attend the site. Therefore, Huon provides the following commitment:
   - Huon will undertake all operations involving the vessels *Ronja Huon* and *Huon Supply* during daytime hours (7 am to 6 pm).
   - The *Ronja Huon* and *Huon Supply* will not operate simultaneously at Garden Island.

- Evening or night-time operations will only be undertaken with prior notification to the EPA Director and stakeholder community engagement. These operations will only be undertaken in exceptional or emergency circumstances.

3. The Garden Island lease has a proposed operational duration of five months. During this period, the *Huon Supply* and *Ronja Huon* will only attend the site during daylight hours. The limited duration of operations means that large vessel attendance to the site will be limited. Huon provides the following commitment:
    - The *Ronja Huon* will only attend the site to conduct four bathing rounds over five months unless otherwise approved by the EPA Director.
    - The *Huon Supply* will only attend the site to conduct ten feed refills over five months unless otherwise approved by the EPA Director.
    - Huon Aquaculture will submit a further Noise Mitigation Plan to the EPA Director for assessment beyond the five-month duration if required.

4. Huon will comply with the following EPA requested mitigation measures:

    - All general works vessels operating on the lease will comply with the applicable daytime, evening, and night-time noise limits specified under the Environmental Licence. Compliance will be demonstrated in the initial noise monitoring undertaken post-stocking of the lease.
    - Noise monitoring is to be undertaken for at least one month, starting within one week of stocking, and reported to EPA on a weekly basis. Monitoring is to include a worst-case scenario situation.
    - Noise monitoring data is to be used to validate Huon's noise modelling results within two months of re-commencement of finfish farming operations at MF151 Garden Island.
    - EPA must be immediately notified of any identified non-compliances against noise limit condition (N2) of the environmental licence.
    - Mitigations are to be implemented promptly for any identified non-compliances and the EPA is to be notified of the implemented mitigation measures.
    - Post-mitigation noise measurements are to be reported to EPA to assess compliance and adequacy of these measures.