

Guardians of the Sounds

Submission for the Mitigation of Fine Sediments from Forestry in the Sounds

Reference Documents;

1. Mitigation of Fine Sediments from Forestry in the Sounds

Technical Report No 15-009, December 2015

Author; Dr Stephen C Urlich , Environmental Scientist, Environmental science and monitoring group.

Setve.urlich@marlborough.govt.nz

2. History of Bethnic Change in Queen Charlotte Sound / Totaranui

Effects of Sedimentation current state in MDC Report prepared with National Institute of Water and Atmospheric Institute (NIWA)

March 2016, Ref NEL2015-018

Author; Sean Handley, Marine Ecologist, Nelson Marine Ecology and Aquaculture

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Quote MDC report;

*In 2015, MDC received a report of **damage** to a significant ecological marine site in the Marlborough sounds from sedimentation caused by plantation forestry activities*

Quote NIWA report;

*Due to the susceptibility of the Marlborough sounds to erosion from forestry, MDC have recommended council proceed with **developing its own rules to protect the sounds**, rather than adopt a proposed National Environmental Standard for Forestry*

Dear Sir / Mam;

We the undersigned as residents and as community representatives would like the below recommendations added to the annual Marlborough District Plan. These are the councils own recommendations and NIWA supports council to develop its own rules for protection of the Sounds

Recommendations for sediment mitigation;

- i. **Replanting setbacks from the shoreline:** 200 m.
- ii. **Replanting setback for permanently flowing streams directly coupled to the sea:** 5 m for streams less than 3m in width; and 10 m for streams equal to, or greater than, 3m in width.
- iii. **Replanting controls on steep slopes:** A mandatory Replanting Management Plan identifying areas at high risk of erosion which require retirement and implementation of buffers, such as gully heads and steep ephemeral gullies. A similar Plan would be required for afforestation.
- iv. **Replanting requirements to reduce the window of vulnerability:**
 - a) Replanting of areas harvested within 12 months of harvest.
 - b) Replanting in excess of 1000 stems/hectare.
- v. **Harvest controls:** Remove all woody material >100 mm diameter and > 3metres in length from gullies (>5000m² or 0.5 hectare) as soon as practicable, but no later than 1 month, after harvest.
- vi. **Earthworks requirements:**
 - c) All road design, construction, and maintenance to be certified by a Chartered Professional Engineer (CPENZ) for land stability, and effective erosion and water control.
 - d) All areas of loose fill (soil) to have a grass cover established within 12 months of being created unless covered by natural revegetation.

Supporting Submission	Organisation or Address	Email or contact
Paul Keating	GOS . Picton	03 5736412
Bill Foster	GOS . Picton	

Please forward this to as Many local people as possible to support his important issue for the Future Health of the Sounds.

To add your name to Support list send permission by email to GOS, contact ;

<http://www.guardiansofthesounds.co.nz/contact-the-guardians/>

Thanks for your Support

Chairman

Guardians of the Sounds