

4 Forestry Earthworks Management Plan

Site Location & Description

This plan is to be implemented to control sediment and erosion for the earthworks and harvesting of 8Ha of pine plantation on Croisilles French Pass Road, Okiwi Bay.

Duration of activities

The earthworks, and forestry harvesting will take approximately 6 weeks to complete and are anticipated to start in October 2018.

Scope of Works

The attached earthworks and harvest plans show the extent of works required for the forestry harvesting. The scope of works includes:

Construction of the entrance way to allow for truck and trailer access to the block

Widening on the existing access track, to allow safe access to the skid site

Tidying up and some widening of the existing skid site

Construction of skidder tracks through the forestry block

Stormwater and Erosion Control

Due to the existing vegetation on site, run off velocities will be very low and there are existing water tables to catch and direct water. New tracks will be created with water tables and cross falls to direct the water. All fill material will be placed where only rain will fall on it the will be not over land flow to erode it.

As tracks need to be constructed, immediately after exposure of soil, the subgrade will be track rolled to minimise damage to the subgrade and potential erosion.

The existing vegetation will be used to help control run off. A vegetation buffer will be maintained between the forestry and the unnamed stream to the south of the block.

Post Harvest Controls

Following the completion of works, slash and vegetation will be placed over the tracks as required, to minimise the risk of future Stormwater run-off. Re-vegetation of the block will also commence in the next planting season, following completion of the works.

Contingencies

Each day, reference will be made to the local weather forecast and any operations that may expose the site to stormwater or sediment problems will be considered.

During adverse weather, the site will be monitored to ensure the effectiveness of the control measures in place. They will also carryout any corrective action required to maintain the control measures effectiveness.

5 Harvest plan

Harvesting Method

Ground based logging has been selected as the most efficient way to harvest this block, as well as minimise disruption to the ground and surrounding areas.

Nigel Bryant Ltd have been selected to carry out logging operation of this site, using ground based crew. Nigel Bryant Ltd has over 35 years' experience in logging operations including coastal operations in the Marlborough Sounds and Okiwi Bay.

The attached harvest plan indicates how the logging operation will be carried out on this site.

Timing and Sequencing of Works

Works are expected to commence in October 2018 and are expected to take 6 weeks to complete.

1. The proposed sequence of works are as follows:
2. RC approval
3. Notification of works to Marlborough District Council
4. Submission of corridor access request, including TMP to Marlborough Roads
5. Receive approvals
6. Establish to site including traffic management
7. Carry out upgrade of site access
8. Tidy up skid site ready for logging
9. Establish logging crew to site
10. Clear trees around skid and road to make site safe
11. Harvest full site (approx. 6 weeks)
12. Inspect and clear waterways as required
13. Tidy tracks and skid managing run-off
14. Dis-establish from site

Slash Management

The attached harvest plan identifies the location of proposed slash sites.

Due to the size and nature, of the block there is expected to be no high risk areas (no slash zones), other than the unnamed stream to the southern boundary of the block. This stream is to have a buffer zone between the forestry block and channel edge. The proposed harvesting methods allow for pulling logs away from the stream. As some trees have been planted right up to the stream there may be a risk of debris entering the stream, any debris greater than 100mm diameter shall be removed from flowing streams.

The designated landing areas for slash as shown on the attached harvest plan have been selected to avoid slash instability. As these are located well away from waterways, there is no expected effect of slash movement.

During and following heavy weather events, slash movements will be monitored. If slash does enter the water ways, any material greater than 100mm will be removed by hand.

Indigenous Vegetation

The block is surrounded by regenerated native vegetation (mainly Manuka). There is no expected damage to this vegetation, as the harvest method allows that all trees are pulled away from the edges of the block to the skid site.

6 Management practices for Maintenance and Monitoring

Site Monitoring and Heavy Rain

When heavy rain is forecast (triggered by MetService Heavy Rain Warnings), the site condition will be checked in preparation for the event, including:

- Water channel condition
- Skid site
- Slash piles
- General track tidiness

Following the event the same areas will be checked to see how they have performed and that they are suitable to continue any works.

Post Harvest

At the completion of the works, the site infrastructure will be checked for long term suitability for Stormwater, sediment and slash run-off. The following specific action will be taken:

- Slash piles to be cleaned up to ensure they are kept away from any risk areas
- Where appropriate slash to be placed over tracks to minimise stormwater and sediment run-off
- Replanting of the site to commence at the next growing season following the completion of works.

To: Marlborough District Council
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**MARLBOROUGH
DISTRICT COUNCIL**

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SUBMISSION ON APPLICATION FOR A RESOURCE CONSENT

1. Submitter Details

Name of Submitter(s) in full _____

Electronic Address for Service (*email address*) _____

Postal Address for Service (*or alternative
method of service under section 352 of the Act*) _____

Primary Address for Service (*must tick one*)

Electronic Address (*email, as above*) ☐

or, Postal Address (*as above*) ☐

Telephone (*day*) _____ Mobile _____ Facsimile _____

Contact Person (*name and designation,
if applicable*) _____

2. Application Details

Application Number _____ U _____

Name of Applicant (*state full name*) _____

Application Site Address _____

Description of Proposal _____

3. Submission Details (*please tick one*)

I/we support all or part of the application ☐

I/we oppose all or part of the application ☐

I/we are neutral to all or part of the application ☐

- ☐ I am a trade competitor for the purposes of section 308B of the Resource Management Act 1991
- ☐ I am directly affected by an effect of the subject matter of the submission that:
- a) adversely affects the environment; and
- b) does not to relate to trade competition or the effects of trade competition
- ☐ I am NOT directly affected by an effect of the subject matter of the submission that:
- a) adversely affects the environment; and
- b) does not to relate to trade competition or the effects of trade competition
- ☐ I am NOT a trade competitor for the purposes of section 308B of the Resource Management Act 1991

The specific parts of the application that my/our submission relates to are *(give details, using additional pages if required)*

The reasons for my/our submission are *(use additional pages if required)*

The decision I/we would like the Council to make is *(give details including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought. Use additional pages if required)*

4. Heard in Support of Submission at the Hearing

I/we wish to speak in support of my/our submission

☐

I/we do not wish to speak in support of my/our submission

☐

OPTIONAL: Pursuant to section 100A of the Resource Management Act 1991 I/we request that the Council delegate its functions, powers, and duties required to hear and decide the application to one or more hearings commissioners who are not members of the Council. *(Please note that if you make such a request you may be liable to meet or contribute to the costs of commissioner(s). Requests can also be made separately in writing no later than 5 working days after the close of submissions.)*

☐

5. Signature

Signature _____ Date _____

Signature _____ Date _____

6. Important Information

- Council must receive this completed submission before the closing date and time for receiving submissions for this application. The completed submission may be emailed to mdc@marlborough.govt.nz.
- The closing date for serving submissions on the consent authority is the 20th working day after the date on which public or limited notification is given. If the application is subject to limited notification, the consent authority may adopt an earlier closing date for submissions once the consent authority receives responses from all affected persons.
- You must serve a copy of your submission on the applicant as soon as is reasonably practicable after you have served your submission on the consent authority.
- Only those submitters who indicate that they wish to speak at the hearing will be sent a copy of the section 42A hearing report.
- If you are making a submission to the Environmental Protection Authority, you should use form 16B.
- If you are a trade competitor, your right to make a submission may be limited by the trade competition provisions in Part 11A of the Resource Management Act 1991.
- If you make a request under section 100A of the Resource Management Act 1991, you must do so in writing no later than 5 working days after the close of submissions and you may be liable to meet or contribute to the costs of the hearings commissioner or commissioners. You may not make a request under section 100A of the Resource Management Act 1991 in relation to an application for a coastal permit to carry out an activity that a regional coastal plan describes as a restricted coastal activity.
- Please note that your submission (or part of your submission) may be struck out if the authority is satisfied that at least 1 of the following applies to the submission (or part of the submission):
 - it is frivolous or vexatious;
 - it discloses no reasonable or relevant case;
 - it would be an abuse of the hearing process to allow the submission (or the part) to be taken further;
 - it contains offensive language;
 - it is supported only by material that purports to be independent expert evidence, but has been prepared by a person who is not independent or who does not have sufficient specialised knowledge or skill to give expert advice on the matter.

7. Privacy Information

The information you have provided on this form is required so that your submission can be processed under the Resource Management Act 1991. The information will be stored on a public file held by Council. The details may also be available to the public on Council's website. If you wish to request access to, or correction of, your details, please contact Council.