

Part B Assessment of Environmental Effects – Minor Earthworks



Caring for Northland and its Environment

Whangarei Office	Phone:	(09) 438 4639
	Fax:	(09) 438 0012
Kaitiaki Office	Phone:	(09) 408 6600
Opua Office	Phone:	(09) 402 7516
Dargaville Office	Phone:	(09) 439 3300
Free Phone		0800 002 004
Email		MailRoom@nrc.govt.nz
Website		www.nrc.govt.nz

This application is made under Section 88/Section 127 of the Resource Management Act 1991

To: The Secretary
Northland Regional Council
Private Bag 9021
Whangarei 0120

PART B – ASSESSMENT OF ENVIRONMENTAL EFFECTS

Your application must include an Assessment of Effects on the Environment. This form is a guide to help you prepare it.

An assessment of effects is required so that you and others can understand what happens to the environment when you undertake earthworks (ie. building site works, roading and tracking, quarrying and mining). This will help you to propose ways to minimise those effects to the Regional Council's satisfaction.

The degree of detail required is in proportion to the scale of the environmental effects of your proposal. If the size of your proposed activity or the scale of its potential effects is significant, a report by a professional advisor in support of your application may be required.

Please note that the word "environment" includes the surrounding coastal water, adjoining land, any surrounding resource users, and local iwi.

The diversion and discharge of stormwater runoff from earthworks activities may also require permits from the Northland Regional Council.

It is advised that you make an appointment with an appropriate Council Officer to discuss your application prior to lodging it. This will help you supply all the required information at the onset and ensure the efficient processing of your application.

A. Description of the Proposed Activity

A.1 Describe the type of earthworks you propose to carry out. *(use an additional sheet if required)*

A.2 How will the work be carried out (ie. what machinery will be used)?

A.3 Who will be undertaking the work? _____

A.4 What date do you propose to start the earthworks? _____

A.5 When do you expect to complete the earthworks? _____

A.6 Will the work be carried out in stages?

No

Yes, describe each stage and indicate the number of weeks required for the completion of each stage.

A.7 What is the approximate volume of the proposed earthworks? _____ cubic metres

A.8 What is the approximate area that the earthworks will affect? _____ square metres

A.9 Describe any cut or fill batters, or both (include height of batter, depth of excavation or fill, slope of batter and extent)

A.10 Will you be stockpiling any material?

No

Yes, describe the dimension, location and duration of stockpiles.

If your proposed earthworks are associated with a minor quarrying or mining operation, provide the following details in A.11 to A.14, otherwise go to Section B – Site Details.

A.11 What is the volume of overburden to be removed annually? _____ m³/year

A.12 How much of this material is to be retained within the quarry area? _____ m³

A.13 If overburden is to be removed from the site, please provide details of the likely placement of this material (eg. sold offsite or spread on paddocks etc).

A.14 What is the estimated maximum volume of rock to be extracted per year? _____ m³/year

B. Site Details

B.1 You **must** attach a map that shows the following:

- the location of the proposed earthworks showing any face heights and bench widths, access roads and tracks
- the legal boundaries of the property and the proposed separation distance from the proposed activity
- the location of any springs, wetlands and surface water resources (including coastal water) within 500 metres of the proposed earthworks

B.2 You **must** attach a detailed plan of the proposed earthworks which shows the:

- location and dimensions of any cut and fill areas
- location and dimensions of any proposed overburden dump site(s)
- location and dimensions of proposed sediment detention ponds, plus any other sediment control works (eg. diversion drains)
- an indication of the proposed overland flow pathways of any surface runoff from all working areas
- areas of instability and areas affected by flooding

B.3 What is the topography of the area (eg. flat, rolling or steep)? _____

B.4 What is the soil/rock type? _____

B.5 What type of vegetation currently covers the site? _____

B.6 Is the proposed site of the earthworks located in an area that is likely to flood (ie. within a floodplain)?

Yes No

B.7 What is the approximate catchment area draining onto or through the proposed earthworks site? _____ m²

B.8 Is there a watercourse or wetland within 200 metres of the site?

No, go to **Section C – Assessment of Effects.**

Yes, provide details on the following.

What is the approximate distance of the watercourse(s) or wetlands from the site of the earthworks activity? _____m

What is the name of the watercourse(s), or the name of the stream into which it flows?

Does this watercourse flow for most of the year? Yes No

C. Assessment of Effects on the Environment

An assessment of effects should be proportional to the scale and significance of the proposed activity. Where the proposed earthworks could have an adverse effect on the environment, a detailed environmental assessment is required.

C.1 Affected Parties

Will the proposed earthworks have an effect on any other people in the surrounding area eg. land movements on adjacent properties, silt affecting downstream water users, or dust blowing onto other properties?

No, why not? _____

Yes, provide details of the affected people/parties and how the proposed activity may affect them.

If written approvals are obtained from all parties that may be affected by the earthworks, and the effects of your proposed earthworks are minor, then the Regional Council is likely to process your application without public notification.

If written approval cannot be obtained, suggest ways to reduce the effect on neighbours (mitigation measures).

C.2 Consultation

If written approvals are obtained from all parties that may be affected by the earthworks and the effects of the proposed works are minor, then the Regional Council is likely to process your application without public notification.

Written approvals regarding your proposal are normally required from the adjoining land owners/occupiers and others who may be affected by your works.

Please see attached explanatory notes for details of who needs to be consulted.

The Northland Regional Council can supply you with written approval forms to aid you with the consultation.

Have you consulted with any of the following potentially affected parties:

	Yes	No
Neighbours	<input type="checkbox"/>	<input type="checkbox"/>
Other nearby people who may be affected	<input type="checkbox"/>	<input type="checkbox"/>
Department of Conservation <i>(if relevant)</i>	<input type="checkbox"/>	<input type="checkbox"/>
Fish and Game Council <i>(if relevant)</i>	<input type="checkbox"/>	<input type="checkbox"/>
Local iwi <i>(specify):</i> _____	<input type="checkbox"/>	<input type="checkbox"/>
Other <i>(specify):</i> _____	<input type="checkbox"/>	<input type="checkbox"/>

Any letters of concern/support or comment from persons consulted should be attached to this application form.

C.3 Effects on Nearby Waterways

Please ensure that all waterbodies (springs, streams, lakes and rivers) and/or wetlands within 200 metres of your proposed earthworks are shown on the location map. Measure accurately the distance between your proposed earthworks site and any waterbodies and show the distances on the map.

Are there any of the following in the waterbodies in the vicinity of the proposed earthworks activity?

	Present	
	Yes	No
Obvious signs or known aquatic biota (eg. eels, other fish, insects, aquatic plants)?	<input type="checkbox"/>	<input type="checkbox"/>
Areas where food is gathered (eg. watercress, eels, wildfowl)	<input type="checkbox"/>	<input type="checkbox"/>
Waste discharges (eg. dairy sheds, industrial, treatment plants)	<input type="checkbox"/>	<input type="checkbox"/>
Recreational activities (eg. swimming, fishing, canoeing)	<input type="checkbox"/>	<input type="checkbox"/>
Areas of special aesthetic value (eg. waterfalls)	<input type="checkbox"/>	<input type="checkbox"/>
Areas of significance to iwi	<input type="checkbox"/>	<input type="checkbox"/>

If you have answered **Yes** to any of the above, describe what effect the proposed earthworks may have and the steps you propose to take to minimise (ie. mitigate) these effects (attach a separate sheet if necessary).

C.4 Effects on Land

Are there any of the following in the vicinity of the proposed earthworks?

	Present	
	Yes	No
Areas of indigenous vegetation or habitats of indigenous fauna	<input type="checkbox"/>	<input type="checkbox"/>
Areas of significance to iwi	<input type="checkbox"/>	<input type="checkbox"/>
Areas of slope instability	<input type="checkbox"/>	<input type="checkbox"/>

If you have answered **Yes** to any of the above, describe what effect your proposed earthworks may have and the steps you propose to take to minimise (ie. mitigate) these effects (attach a separate sheet if necessary):

C.5 Are you proposing to topsoil and revegetate bare areas of land at the completion of earthworks?

- No
- Yes, propose details of the revegetation and time frames _____

C.6 Are you proposing any sediment retention or sediment control methods?

- No
- Yes, provide details of proposed control methods including dimensions

C.7 Other Adverse Effects

Will your earthworks have any other adverse effects on the environment (ie. noise and dust generation)?

- No, why not? _____

- Yes, how will these effects be mitigated? _____

C.8 Positive Effects

What positive effects will the proposed earthworks have? _____

C.9 Alternative Earthworks

Have you considered any alternative method or sites for the proposed earthworks?

No

Yes, provide details _____

C.10 Monitoring

What, if any, monitoring do you propose to carry out to ensure that the proposed earthworks does not have any adverse effect on the environment?

Please ensure that all of the relevant questions on this form have been answered fully.

If you have any queries relating to information requirements or wish to meet with a Council Consents Officer, please contact the Northland Regional Council.

Northland Regional Council Offices:

Whangarei Office

36 Water Street
Whangarei
Phone: (09) 438 4639
or 0800 002 004
Fax: (09) 438 0012
mailroom@nrc.govt.nz
www.nrc.govt.nz

Dargaville Office

61B Victoria Street
Dargaville 0300
Phone: (09) 439 3300

Kaitaia Office

192 Commerce Street
Kaitaia 0500
Phone: (09) 408 6600

Opuia Office

Unit 10
Industrial Marine Park
Opuia 0290
Phone: (09) 402 7516