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| **Part B**  **Assessment of**  **Environmental Effects –**  **Earthworks**  **(Minor Effects)** | M:\Community Relations\All Staff - Communication resources\NRC logos for general use\NRC logo (full colour).png  Whangārei Office Phone: 09 470 1200  Fax: 09 470 1202  Kaitāia Office Phone: 09 408 6600  Waipapa Office Phone: 09 470 1200  Ōpua 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: Consents Department  Northland Regional Council  Private Bag 9021  Whangārei Mail Centre  Whangārei 0148 |

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| 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 (i.e. building site works, roading and tracking, quarrying and mining). This will help you to propose ways to minimise those effects to the 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 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. |

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| A. | Description of the Proposed Activity |

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| **A.1 Describe the type of earthworks you propose to carry out.** *(use an additional sheet if required)* | |
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| **A.2 How will the work be carried out (i.e. what machinery will be used)?** | |
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| **A.3** **Who will be undertaking the work?** | |
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| **A.4** **What date do you propose to start the earthworks?** |  |

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

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

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

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| **A.9 Describe any cut or fill batters, or both (include height of batter, depth of excavation or fill, slope of batter and extent)** | |
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| **A.10 Will you be stockpiling any material?**  No  Yes, describe the dimension, location and duration of stockpiles. | |
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| *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****.* |

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

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

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| **A.13** **If overburden is to be removed from the site, please provide details of the likely placement of this material (e.g. sold offsite or spread on paddocks etc).** | |
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| **A.14 What is the estimated maximum volume of rock to be extracted per year?** |  | m³/year |

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| B. | Site Details |

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| **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 |

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| **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 (e.g. 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 |

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| **B.3 What is the topography of the area (e.g. flat, rolling or steep)?** | |
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| **B.4** **What is the soil/rock type?** | |
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| **B.5 What type of vegetation currently covers the site?** | |
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| **B.6** **Is the proposed site of the earthworks located in an area that is likely to flood (i.e. within a floodplain)?**  Yes  No |

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

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| **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? | |  | metres |
| What is the name of the watercourse(s), or the name of the stream into which it flows? | | | |
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| Does this watercourse flow for most of the year?  Yes  No | | | |

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| 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.

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| C.1 Affected Parties  **Will the proposed earthworks have an effect on any other people in the surrounding area e.g. land movements on adjacent properties, silt affecting downstream water users, or dust blowing onto other properties?**  No, why not? | | |
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| Yes, provide details of the affected people/parties and how the proposed activity may affect them. | | |
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| 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 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). | | |
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| **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 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 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 | |  |  | |
|  | Other nearby people who may be affected | |  |  | |
|  | Department of Conservation *(if relevant)* | |  |  | |
|  | Fish and Game Council *(if relevant)* | |  |  | |
|  | Local iwi *(specify)*: |  |  |  | |
|  | Other *(specify)*: |  |  |  | |
| Any letters of concern/support or comment from persons consulted should be attached to this application form. | | | | |

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| **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 (e.g. eels, other fish, insects, aquatic plants)? |  |  | |
|  | | Areas where food is gathered (e.g. watercress, eels, wildfowl) |  |  | |
|  | | Waste discharges (e.g. dairy sheds, industrial, treatment plants) |  |  | |
|  | | Recreational activities (e.g. swimming, fishing, canoeing) |  |  | |
|  | | Areas of special aesthetic value (e.g. waterfalls) |  |  | |
|  | | Areas of significance to iwi |  |  | |
| 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 (i.e. mitigate) these effects (attach a separate sheet if necessary). | | | | |
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| **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 |  |  | |
|  | Areas of significance to iwi |  |  | |
|  | Areas of slope instability |  |  | |
| 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 (i.e. mitigate) these effects (attach a separate sheet if necessary): | | | |
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| 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 | |
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| C.6 Are you proposing any sediment retention or sediment control methods?  No  Yes, provide details of proposed control methods including dimensions | |
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| **C.7 Other Adverse Effects**  Will your earthworks have any other adverse effects on the environment (i.e. noise and dust generation)?  No, why not? | |
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| Yes, how will these effects be mitigated? | |
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| **C.8 Positive Effects**  What positive effects will the proposed earthworks have? | |
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| C.9 Alternative Earthworks  **Have you considered any alternative method or sites for the proposed earthworks?**  No  Yes, provide details | |
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| **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? | |
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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.***

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| Northland Regional Council offices: | | | | |
| Whangārei Office | Dargaville Office | Kaitāia Office | Waipapa Office | Ōpua Office |
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