

Suggested Conditions for Landuse Consents for Earthworks (ARC, Cables) (Application Number 34102)

General

1. This consent authorises the activities described in the document entitled "North Island Grid Upgrade Project – Underground Transmission Cable between Pakuranga Substation and Brownhill Road", June 2007, to be carried out in general accordance with the description in that document, except as otherwise identified in the resource consent conditions.
2. The Consent Holder shall be responsible for all contracted operations relating to the exercise of this resource consent, and shall ensure that all personnel working on the site are made aware of the conditions of this resource consent and the Construction Management Plan and Erosion and Sediment Control Plan required under this consent, and shall ensure compliance with those conditions.
3. A copy of this resource consent shall be available to contractors undertaking the works at all times that physical works authorised by this consent are being undertaken, and shall be produced without unreasonable delay upon request from a servant or agent of the Auckland Regional Council.
4. The consent holder shall appoint a representative(s) prior to the exercise of this resource consent, that shall be the Auckland Regional Council's principal contact person(s) in regard to matters relating to this resource consent. At least 10 days prior to the works authorised by this consent, the consent holder shall inform the Manager¹ of the representative's name and how they can be contacted within the works period. Should that person(s) change during the term of this resource consent, the consent holder shall immediately inform the Manager and shall also give written notice to the Manager of the new representative's name and how they can be contacted.

Pre-Works Requirements

5. The Manager shall be informed in writing at least 2 weeks prior to the start date of any works authorised by the Resource Consents.
6. Prior to works commencing on site, the consent holder or their agent shall arrange and conduct a pre-construction site meeting between ARC, the consent holder, the primary contractor and a representative of Manukau City Council. If the construction is undertaken on a staged basis, a pre-construction site meeting may take place prior to each stage.

Construction Management Plan

7. A Construction Management Plan shall be prepared and have the purpose of ensuring that the activities within Consent Numbers 34102, 34370, 34372 and 34373, are managed in an integrated and effective manner, and in accordance with the conditions of each consent. The Construction Management Plan shall outline the Consent Holder's intended approach to the following (as appropriate):
 - Storage and reuse of top soil;
 - Management and disposal of spoil;
 - Silt and dust control during earthwork stages

¹ Manager for the purposes of this consent means the Manager, Sediment Consents and Consents Compliance, ARC (or nominated ARC staff acting on the Manager's behalf).

- Temporary activities and equipment storage in specified areas;
- Water quality management;
- Security and lighting during construction;
- Any contaminated land management procedures;
- Construction noise, dust and vibration;
- Hours of work;
- Existing network utilities protocols and guidelines;
- Cultural and archaeological protocols (including discovery protocols);
- Land stability management and water quality and sediment controls;
- Geotechnical investigation techniques and management;
- Vegetation clearance, disposal and restoration;
- Community information and liaison procedures (including with landowners with regard to stock disturbance and effects on farm operations);
- Quality Assurance/Quality Control;
- Engineering design details;
- Detailed Construction methods;
- An intended construction timetable (including staging if relevant);
- Traffic management and property access management;
- Contractor training;
- An outline of procedures to be followed onsite to ensure compliance with consent conditions, rules in Regional and District Plans, legislation and regulations; and
- Methodology and approval procedures for making changes to the Construction Management Plan.

8. The Construction Management Plan shall be submitted for the written approval of the Manager, acting in a technical certification capacity following consultation with the Manukau City Council. The works authorised by this consent shall not be commenced prior to such approval of the Construction Management Plan.
9. Any changes to the Construction Management Plan shall be made in accordance with the methodology and approved procedures in that plan and shall be confirmed in writing by the consent holder following consultation with Manager before implementation.
10. The Consent Holder shall carry out operations in general accordance with the provisions of the approved Construction Management Plan, and any subsequent changes.

Construction Activities

11. The Consent Holder shall provide the Manager, with an updated schedule of construction activities, completed within the previous month and intended within the subsequent month, at the end of each month during the duration of the works.

Stabilisation

12. The works outside of formed road reserve shall be stabilised against erosion as soon as practicable and in a progressive manner as earthworks are finished over various lengths of the site. Works within road reserve shall be completed to the satisfaction of the ARC (who may consult with Manukau City Council).
13. Before the end of each working day, the consent holder shall ensure that all excavated material is contained in a safe and stable manner, or is re-instated.

Erosion and Sediment Control

14. The consent holder shall submit an Erosion and Sediment Control Plan which is consistent with the Construction Management Plan required in condition 7 and TP90². This shall be submitted at least 10 working days prior to the activities authorised by this consent for the written approval of the Manager acting in a technical certification capacity, prior to the start of the earthworks authorised by this Resource Consent.

Information included (if relevant) shall include:

- a) Contributing catchment area(s);
 - b) Retention volume of structure and location and method of discharge; and
 - c) Shape of structure (dimensions of structure), materials used and method of stabilisation;
 - d) Any other methods or techniques proposed
15. Erosion and sediment control measures shall be constructed and maintained in general accordance with TP90, and its amendments (including amendments made during the construction period), except where a higher standard is detailed in the documents referred to Condition 14 above, in which case this higher standard shall apply.

Overall Environmental Protection

16. Environmental protection measures shall be carried out in accordance with those generally described in Consent Application Numbers 34102, 34370, 34372 and 34373, and the Construction Management Plan and the Erosion and Sediment Control Plan required in conditions 7 and 14 and TP90.
17. Any resulting amendments to the environmental protection methodologies proposed in Consent Application Numbers 34102, 34370, 34372 and 34373 and the Construction Management Plan may be reviewed by ARC during the pre-construction meeting(s) specified under Condition 6 and shall be approved in accordance with the procedures set out in that Plan.

Archaeological Sites

18. The consent holder shall protect and manage archaeological sites in a manner consistent with the application documentation and the provisions of the Construction Management Plan, as follows:

² ARC Technical Publication No 90, "Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region", March 1999.

Known Archaeological Sites

(a) All archaeological sites identified in the application document "*Application for Resource Consent, North Island Grid Upgrade Project, Underground transmission cable between Pakuranga Substation and Brownhill Road*" prepared by MWH NZ Ltd dated June 2007,

Unknown Archaeological Sites

(b) In the event of archaeological evidence being uncovered (e.g. shell, midden, hangi or oven pit depressions, defensive ditches, artefactual material or human bones), work is to cease in the vicinity of the discovery and a suitably qualified archaeologist is to be contacted so that appropriate action can be taken before work can recommence at the discovery site.

Wahi Tapu

19. Any wahi tapu that is reasonably expected to be impacted by works associated with this consent is to be addressed in accordance with the document entitled "Transpower North Island Grid Upgrade Project Draft Protocol for Dealing with Koiwi or Taonga Unearthed During Construction and the Discovery of Sites of Significance, Wahi Tapu, Heritage Sites and Archaeological Sites", or its subsequent version.

Cessation of Work

20. Should the consent holder cease or abandon work on-site, it shall first take adequate preventative and remedial measures to control sediment discharge, and shall thereafter maintain these measures for so long as necessary to prevent sediment discharge from the site. All such measures shall be of a type, and to a standard, which are to the satisfaction of the Manager.

Note: This condition does not apply to normal staging of work.

Review Condition

21. The conditions of this consent may be reviewed by the ARC pursuant to Section 128 of the Resource Management Act 1991, by the giving of notice pursuant to Section 129 of the Act, in December 2009 and every December thereafter:
 - i. To deal with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
 - ii. To deal with any other adverse effect on the environment on which the exercise of the consent may have an influence.

ADVICE NOTES:

1. That the expiry of this consent is 35 years from date of commencement of consent under section 116 of the RMA to allow for contingencies. It is expected however that the works will be completed by December 2013.
2. The Consent Holder is advised that they will be required to pay to ARC any administrative charge fixed in accordance with Section 36(1) of the Resource Management Act 1991, or any additional charge required pursuant to Section 36(3) of the Resource Management Act 1991 in respect of this consent.
3. The Consent Holder is referred to Section 124 of the Resource Management Act 1991, which provides for the exercising of a consent while applying for a new consent for the same activity.

4. The Consent Holder is advised that, pursuant to Section 125 of the Resource Management Act 1991, this resource consent lapses on the expiry of ten years after the date of commencement of this consent unless the consent is given effect to or other criteria contained within Sections 125 are met.

5. The Auckland Regional Council has the power for its officers or agents to access the work site at all reasonable times for the purpose of carrying out inspections, surveys, investigations, tests, measurements or taking samples.