

Panel Draft Conditions

CRC262542 Section 15 Consent to discharge of contaminants to air

Meridian Energy: Response to draft conditions and comments

Condition

Scope

Note: This consent authorises the discharge of contaminants to air associated with the Lake Pūkaki Dam Resilience Works and the following activities:

- a. Constructing access tracks and ramps.
- b. Transporting rock from the existing stockpile sites to the temporary construction stockpile areas.
- c. Constructing work benches.
- d. Constructing toe along the Dam.
- e. Rock placement on the Dam.
- f. Rock placement on abutments.
- g. Establishment of temporary buildings within or adjacent to the main carpark and adjacent to the left abutment.
- h. Decommission of all temporary work sites.
- i. Maintenance/management of temporary stockpiles within the construction area.

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General Conditions

1. All discharges to air authorised by this consent shall be located at Lake Pūkaki within the area identified as 'works area' on Plan CRC262541 at or about map reference NZTM 1371515E, 5103020N.
2. No discharge to air authorised by this consent shall cause objectionable or offensive effects, including dust deposits and/or discharges of particulate matter beyond the boundary of the application site defined by Condition 1.
3. The Site Manager, or another nominated person, must be available at all times during rock armouring activities to respond to dust emissions complaints and issues. The contact details shall be displayed on signage at the entrance to the main carpark (being the carpark that services the public toilets, visitor centre and salmon shop at NZTM 1371515E, 5103020N).
4. The consent holder must notify Te Rūnanga o Ngāi Tahu (nohoanga@ngaitahu.iwi.nz), and Canterbury Regional Council (Attention: Manager Compliance):
 - a. at least ten working days before the start of any activities authorised by this consent.

The notification shall include:

- i. The proposed start and end dates of the period of work;

- ii. The proposed start and end time of activity on each day during the period of works;
and
 - iii. Where the consent is to be exercised by a person other than the consent holder, the name, address and contact telephone number of the persons exercising the consent.
 - b. If the consent holder is considering closing the campsite and campervan parking area as a result of dust generation arising from the exercise of this consent. (Note: Any decision to close the campsite shall be undertaken in consultation with Te Rūnanga o Ngāi Tahu Nohoanga Team and LINZ).
5. Where works have been discontinued for more than eight consecutive days the Canterbury Regional Council (Attention: Compliance Manager) and Te Rūnanga o Ngāi Tahu (nohoanga@ngaitahu.iwi.nz) shall be re-notified at least five working days prior to the recommencement of works.

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DUST MANAGEMENT PLAN

6. The consent holder must produce and comply with a Dust Management Plan ('DMP') at all times.
7. The purpose of the DMP is to provide a framework for managing dust emissions from the activities authorised under this consent to minimise any effects of dust discharges on the surrounding environment. The DMP shall:
- a. Be prepared in accordance with Schedule 2 of the Canterbury Air Regional Plan;
 - b. Be retained on site at all times;
 - c. Be provided to all persons operating or carrying out the activities authorised by this consent;
 - d. Be prepared by a suitably qualified experienced practitioner in air quality; and
 - e. Include details on how the conditions of this consent will be complied with.

The DMP shall be in accordance with the Dust Management Plan (DRAFT), prepared by GHD Limited, dated 19 May 2026, Version 6, and include:

- a. A description of the site location and the receiving environment;
- b. A system for training employees and contractors to make them aware of the requirements relating to dust mitigation and the conditions of this resource consent;
- c. Identifying staff responsibilities for implementing and reviewing the Dust Management Procedures;
- d. A description of all on-site activities authorised by this consent and dust sources on site;
- e. A description of the weather conditions that trigger the requirement for dust suppression activities;
- f. Details of location(s) of and appropriate installation of an onsite weather station;
- g. The methods to be used for controlling dust at each source during on-site activities including speed restrictions for internal access roads, and additional procedures for handling high risk dust-generating materials;
- h. A description of the methods for the use and source of water for dust suppression on all exposed areas on dry and/or windy days, including how and when water will be applied to maintain damp surfaces;
- i. The frequency and triggers of when water will be used to maintain damp surfaces and when these measures are to commence on dry and/or windy days;

- j. A description of the contingency measures to be used on-site, including sensitive receptor triggers to initiate PM₁₀ monitoring;
- k. Procedures, processes and methods for managing dust when staff are not on site;
- l. Procedures to be undertaken to ensure dust is managed during times when works may be delayed for an extended period of time and upon completion of works; and
- m. A requirement to visually monitor State Highway 8 road conditions during all works periods and undertake road sweeping if there is excessive deposition on the road surface.

Advice Note: When water is required for dust suppression, water will be brought to site in water trucks. This will be the responsibility of the contractor. Other consents held by Meridian Energy Ltd do not provide for this use.

- 8. Before first exercise of this consent, the consent holder must provide a copy of their proposed DMP to Canterbury Regional Council (Attention: Manager Compliance) for confirmation that it complies with the conditions of this consent (the 'Approved DMP'). If no response from Canterbury Regional Council is provided within 20 working days of submitting the plan for certification the consent holder shall proceed as if the plan has been approved.
- 9. The Approved DMP may be amended by the consent holder provided such amendments are consistent with the objective of minimising any effects of dust discharges on the surrounding environment. Any amended DMP shall be submitted to Canterbury Regional Council (Attention: Manager Compliance) for certification that it complies with the conditions of this consent.
- 10. An updated DMP must be prepared in accordance with the requirements of Condition 7 at least once every five years from the commencement of this consent. The updated plan must include consideration of any changes to the sensitivity of the receiving environment, including sensitive receptor locations, and improvements in dust mitigation and monitoring methods. The updated DMP shall be submitted to Canterbury Regional Council (Attention: Manager Compliance) for certification that it complies with the conditions of this consent.
- 11. The consent holder may implement any amended or updated DMP after 20 working days of it being submitted for certification if Canterbury Regional Council has not notified the consent holder of its decision. If Canterbury Regional Council notifies the consent holder that the amended DMP does not comply with the conditions of this consent the consent holder shall immediately (within 5 working days) revert to implementing the Approved DMP.

DUST MITIGATION

- 12. The consent holder shall ensure a water cart is held on site for the duration of each works period, with sufficient availability of water to meet dust suppressant requirements in the Approved DMP.
- 13. The consent holder must utilise all reasonably practicable measures to minimise the discharge of dust from rock armouring activities on-site:
 - a. On dry days when dust suppression activities are triggered by the Dust Management Plan; and
 - b. When there is any visible emission of dust from the site.
- 14. The consent holder shall install an on-site weather station during any periods of construction work to monitor wind and rain conditions. The weather station shall:

- a. Be located on or immediately adjacent to the site in accordance with AS/NZS 3580:14-2014 (Methods for sampling and analysis of ambient air – Part 14 Meteorological monitoring for ambient air quality monitoring applications). If the monitoring station cannot be located in accordance with AS/NZS 580:14-2014 an alternative location shall be agreed in writing with the Canterbury Regional Council;
- b. Maintain a date and time stamped electronic record of meteorological monitoring results, recorded as rolling 10-minute averages, which are up-dated every one-minute in real-time;
- c. Send an alarm to the Site Manager (for example via mobile phone) if the wind speed trigger level identified in the Approved DMP is reached or exceeded. The Site Manager must then undertake additional mitigation as deemed necessary;
- d. Be maintained and calibrated in accordance with the manufacturer's specifications; and
- e. All meteorological monitoring data shall be made available to the Canterbury Regional Council on request.

COMPLAINTS

- 15. A record of all complaints relating to dust discharged to air from the site and associated activities must be maintained and shall include:
 - a. The location where the dust was detected by the complainant;
 - b. The date and time when the dust was detected;
 - c. A description of the wind speed and wind direction when the dust was detected by the complainant;
 - d. The most likely cause of the dust detected; and
 - e. Any corrective actions undertaken by the consent holder to avoid, remedy, or mitigate the effects of the dust detected by the complainant.
- 16. The record of any complaints and any responses or investigative actions taken as a result shall be provided to the Canterbury Regional Council (Attention: Compliance Manager) on request.

ANNUAL REPORT

- 17. The consent holder shall prepare an annual monitoring report for the period of 1 July to 30 June to the CRC (Attention: Compliance Manager), by 30 September each year that the consent is exercised (i.e. if there have been no rock armouring activities over the 12-month period no report is required).
- 18. The annual monitoring report shall include but not be limited to:
 - a. A record of any periods when construction work was undertaken, including the dates and duration of the work.
 - b. The complaints record required in accordance with Condition 14.

ADMINISTRATION

- 19. The Canterbury Regional Council may, once per year, on any of the last five working days of May or November, serve notice of its intention to review the conditions of this consent for the purposes of:
 - a. Dealing with an adverse effect on the environment occurring as a result of the exercise of this resource consent; or

- b. Requiring best practicable options to be adopted by the consent holder to remove or reduce any adverse effect on the environment as a result of the exercise of this resource consent; or
- c. Requiring the consent holder to carry out monitoring and reporting instead of, or in addition to, that required by the resource consent; or
- d. Requiring the consent holder to comply with a relevant rule in an operative regional plan.

20. If this consent is not exercised before (35 years – final date to align with duration) then it shall lapse in accordance with section 125 of the Resource Management Act 1991.

Advice Note: A 35-year duration was sought by Meridian as part of the Fast-track process. 'Exercised' is defined as implementing any requirements to operate this consent and undertaking the activity as described in these conditions and/or application documents.