

Appendix 4

Regulation 71 of the Resource Management (National Environmental Standards for Freshwater) Regulations 2020.

CONSENT TYPE:	Land Use Consent (RMFT25.008.13)
ACTIVITY AUTHORISED:	The placement, use and maintenance of culvert within the bed of a natural waterbody and the associated disturbance of the bed required for its construction, operation and maintenance.
SITE LOCATION:	Lee Stream Tributary crossing at coordinate 45°44'5.00"S, 169°54'53.71"E within the 'project site' of the Puke Kapo Hau - Mahinerangi Wind Farm Stage 2 shown in Appendix 1 of this consent
LEGAL DESCRIPTION OF CONSENT LOCATION:	The relevant parts of the project site land shown on Map 3 - Puke Kapo Hau Stage 2 Project Site (Wind Farm) in Appendix 1

Condition Number	Condition	Applicant Comment
Exercise of consents		
1	The activities authorised by this consent must be undertaken in general accordance with the plans and all information submitted with the application, except where otherwise required by this consent including, where relevant, General Conditions G1 – G38 of RMFT25.00.01. In the event of any conflict or discrepancy between General Conditions and the conditions of this consent, the conditions of this consent will be determinative.	Engineering/design compliance requirements
2	The duration of consent shall be 35 years from the commencement of the consent.	Exercise of Consent
3	The design of the culvert shall be consistent with the New Zealand Fish Passage Guidelines (NIWA, 2024).	Fish passage design and operational performance requirements
Culvert design and fish passage		
4	The Consent Holder must, provide to the Consent Authority, no later than 20 working days following completion of the installation of the culvert, the following information: a) the type of culvert; b) the geographical co-ordinates of the culvert;	Reg 62

Condition Number	Condition	Applicant Comment
	c) the flow of the river or connected area (whether none, low, normal, or high); d) whether the water is tidal at the culvert's location; e) at the culvert's location,— i. the width of the river or connected area at the water's surface; and ii. the width of the bed of the river or connected area; f) whether there are improvements to the culvert to mitigate any effects the structure may have on the passage of fish; g) whether the culvert protects particular species, or prevents access by particular species to protect other species; h) the likelihood that the culvert will impede the passage of fish; i) visual evidence (for example, photographs) that shows both ends of the culvert, viewed upstream and downstream; and j) The time and date the information required by condition 6 (a)-(i) was collected.	
5	The Consent Holder must, provide to the Consent Authority, no later than 20 working days following completion of the installation of the culvert, the following information: a) The date on which installation of the culvert was completed;	Reg 63

Condition Number	Condition	Applicant Comment
	b) The ownership details of the culvert and any applicable asset identification numbers; c) A detailed description of the culvert, including its finished design, dimensions, shape, and materials used; and d) Details of the culvert's physical characteristics and hydraulic performance, including erosion from the outlet drop, water depth and velocity, downstream low-velocity areas, bed substrate, remediation features, wetted margins, slope and alignment, associated structures (such as wingwalls or screens), and the presence and characteristics of any apron or ramp.	
Culvert monitoring and maintenance		
6	The Consent Holder shall continue to monitor and maintain the culvert to ensure fish passage does not reduce for the duration of the consent.	Reg 69 (ongoing maintenance and monitoring)
7	Upon commencement of operation of the culvert, the Consent Holder shall implement the fish passage monitoring and maintenance requirements set out in the ECMP and WAOCP. Monitoring and maintenance shall be undertaken to confirm that the culvert is functioning as designed and continues to provide for fish passage, and shall include: a) Monitoring during the commissioning of the culvert as flows are progressively redirected through the structure, including assessment by a suitably qualified freshwater ecologist of flow	Reg 69 (Monitoring framework, ongoing maintenance, corrective action, record keeping)

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	conditions, low flow channel function and any bed profile adjustments required to achieve the intended fish passage outcomes; b) Monitoring under a range of flow conditions to confirm that fish passage is maintained under normal operating conditions, including where flows overtop the low flow channel; c) Routine inspections, including following significant rainfall events where there is a risk that debris accumulation, erosion, scour or substrate changes may affect culvert performance or fish passage; d) Annual inspections, including photographic records of the culvert condition, to identify any debris blockages, erosion, changes to the bed profile, or areas of elevated flow velocity that may affect fish passage; e) Implementation of maintenance and remedial measures where monitoring identifies that the culvert is not operating as designed; and f) Records of all inspections, monitoring results, photographs, maintenance and remedial actions undertaken.	