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From: Greg Lee <Greg.Lee2@nzta.govt.nz>
Sent: Wednesday, 25 January 2023 12:03 PM
To: Jasmine Mitchell <Jasmine.Mitchell@horizons.govt.nz>

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Subject: Ō2NL Project - Change to proposed condition REM10 and Schedule 7

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Kia ora Jasmine,

Following discussions with the Department of Conservation, Waka Kotahi writes to advise that we agree to update proposed condition REM10 and Schedule 7, as follows (changes shown in **red text: underline** new text and **strike-through** removed text):

REM10	<p>Lizards Relocation Area</p> <p>a) Prior to the commencement of lizard surveys required by Condition RTE5, a predator-proof fence enclosing a minimum area of four (4) hectares of forest must be installed;</p> <p>b) Pest animal management within the predator-proof fence area must be undertaken <u>for two (2) years immediately</u> following the completion of the fence installation required by clause (a) (i) and to achieve the following performance targets:</p> <ol style="list-style-type: none"> i. possums, rats, feral cats, feral pigs, hedgehogs and mustelids must be eradicated; ii. mice must be maintained at or below a 5% tracking tunnel index. <p>c) <u>Pest animal management required by clause (b) and monitoring of the enclosed area for pest animal incursions must be undertaken for until the completion of the period set out in Table REM10-1: a period of two (2) years following eradication of possums, rats, feral cats, feral pigs, hedgehogs and mustelids.</u></p> <p style="text-align: center;"><u>Table REM10-1: Lizard Relocation Area Management and Monitoring Period</u></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;"><u>Number of lizards captured and relocated</u></th> <th style="text-align: center;"><u>Duration (from relocation of last lizard)</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;"><u>Less than twenty (20) lizards</u></td> <td style="text-align: center;"><u>Two (2) years</u></td> </tr> <tr> <td style="text-align: center;"><u>Between twenty (20) and fifty (50) lizards</u></td> <td style="text-align: center;"><u>Three (3) years</u></td> </tr> <tr> <td style="text-align: center;"><u>More than fifty (50) lizards</u></td> <td style="text-align: center;"><u>Five (5) years</u></td> </tr> </tbody> </table> <p>d) Habitat within the enclosed area must be enhanced through the provision of natural and/or artificial refugia.</p> <p>e) The enclosed area must be managed in accordance with the Lizard Relocation Area Management Plan that forms part of the Ecology Management Plan required by Condition RTE8.</p>	<u>Number of lizards captured and relocated</u>	<u>Duration (from relocation of last lizard)</u>	<u>Less than twenty (20) lizards</u>	<u>Two (2) years</u>	<u>Between twenty (20) and fifty (50) lizards</u>	<u>Three (3) years</u>	<u>More than fifty (50) lizards</u>	<u>Five (5) years</u>
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This change to REM10 extends pest management within the proposed lizard relocation area for durations of time relative to the number of lizards found and relocated to the area. The proposed change increases the benefit that is proposed to be delivered as part of the implementation of the Project.

The proposed change to Schedule 7 (below) clarifies aspects of lizard salvage:

The objective of the Ecology Management Plan is to address the potential adverse effects of the Ō2NL Project, including construction activities, on ecology and indigenous biological diversity values, including by achieving the standards in the	RTE1, RTE2, RTE3, RTE4, RTE5, RTE6, RTE7, REM1, REM4, REM5, REM6, REM7, REM8, REM9, REM11, REM12, REM13, REM19	The Ecology Management Plan must include, but not be limited to: <ol style="list-style-type: none"> a) the identification of key personnel, including their roles and responsibilities; b) a summary of the ecology and indigenous biodiversity values of the Project Area and the potential adverse effects of the Project on these values;
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<p>relevant conditions of these resource consents.</p>		<ul style="list-style-type: none"> c) a summary of the approaches taken to the management of adverse effects on ecology and indigenous biodiversity values; d) site staff induction procedures in respect of ecology, including measures to prevent the introduction of pest plants and pest animals; d) a description of consultation undertaken with the Project Iwi Partners and the Department of Conservation, including details of how the Ecology Management Plan responds to matters raised during consultation; e) approaches to the management of vegetation clearance through: <ul style="list-style-type: none"> i. vegetation clearance protocols that include demarcation, timing of clearance; and supervision requirements; ii, setbacks for the storage of sawdust, chip or mulch near water bodies; ii. procedures and timing for the direct transfer of raupō reedland, indigenous fernland (weltand), and rautahi sedgeland; iii. opportunities for the salvage and reuse of plant material and soils; f) vegetation type, planting descriptions, outcomes and methods for establishments including: <ul style="list-style-type: none"> i. a planting guide that sets out: <ul style="list-style-type: none"> A. the source of plants from the rohe or relevant ecological districts, including a propagation guide or, where this is not possible, a process to confirm alternative sources with the Project Iwi Partners and the Regional Council; B. plant specifications; C. species mix; D. nursery requirements; E. methods, plant numbers, spacing, density and timing of planting; F. approaches to livestock exclusion. ii. pest plant and animal management; iii. an establishment programme and performance targets; iv. planting monitoring and maintenance approach and timeline; v. the location and legal arrangements for the planted areas; vi. approaches to reducing the potential for bird strike from vehicles through plant species selection along the highway; and vii. opportunities for the participation of the community in planting. g) measures to manage the biosecurity requirements in Condition RTE11; h) the procedures for pre-construction avifauna surveys; i) approaches to the management of potential effects on indigenous birds specific to species and habitat type including: <ul style="list-style-type: none"> i. constraints on vegetation clearance;
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		<ul style="list-style-type: none"> ii. deterrents; iii. exclusion zones; iv. supervision; and v. responses to accidental harm. <p>j) a description of the methodology for lizard survey, capture, transfer and release, including the identification of habitats for survey. <u>The plan will include protocols for lizard salvage prior to and during vegetation clearance, and also protocols for survey and lizard salvage post-vegetation clearance if more than 10 lizards are found at a location;</u></p> <p>k) approaches to lizard injury and/or mortality;</p> <p>l) procedures for pre-construction survey capture and relocation to identified closest similar habitats of 'At Risk' or 'Threatened' indigenous invertebrate species as defined by the Department of Conservation New Zealand Threat Classification System, including the following 'Not Threatened' invertebrate species:</p> <ul style="list-style-type: none"> i. Wainuia (<i>Wainuia umula</i>); ii. Peripatus (<i>Peripatoides novaezealandiae</i>); iii. Auckland tree wētā (<i>Hemideina thoracica</i>) iv. Wellington tree wētā (<i>Hemideina crassidens</i>) v. Cave wētā (<i>Pleioplectron hudsoni</i>) vi. Stick insects (<i>Clitarchus</i> spp.). <p>m) A summary of offset and compensation actions to inform Ecology Offset Site Layout Plans, including specific monitoring and reporting requirements and incident reporting;</p> <p>n) the identification of areas, methods, targets and duration for pest plant and animal management;</p> <p>o) the Lizard Relocation Area Management Plan;</p> <p>p) the Freshwater Ecology Management Plan; and</p> <p>q) monitoring and reporting requirements.</p>
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If you would like to discuss any aspect of the above or the Project generally then please do not hesitate to contact Caitlin or me.

Ngā mihi,

Greg Lee | Planning Advisor
Waka Kotahi
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