

Appendix 2

Conditions

SR 366241 - Recommended Conditions

Definitions, abbreviations, acronyms and terms

| Term | Definition |
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| AEE | Assessment of Environmental Effects for the Prince of Wales / Omāroto Reservoir Project |
| CMP | Construction Management Plan |
| CLG | Community Liaison Group |
| CLP | Community Liaison Person |
| CMO | Wellington City Council's Compliance Monitoring Officer |
| CNVMP | Construction Noise and Vibration Management Plan |
| CRG | Community Reference Group |
| CTMP | Construction Traffic Management Plan |
| Commencement of construction | The time when the Works that are the subject of this designation (including any enabling works) start |
| Completion of construction | Completion of reservoir earthworks, restoration of the reservoir site and sports fields, and completion of planting (not including any further planting that may be required as part of the maintenance and monitoring period) |
| EMP | Earthworks Management Plan |
| Enabling works | Works that may be carried out in advance of bulk earthworks that include site establishment, vegetation clearance, fencing, and installation of accesses and erosion and sediment control measures. |
| Geotechnical Professional | A Chartered Professional Engineer (CPEng) with specialist geotechnical skills and experience in the design and construction of excavation and retaining works on steep slopes similar to those proposed and in similar ground conditions |
| GWRC | Greater Wellington Regional Council, including any officer of Greater Wellington Regional Council |
| LEMP | Landscape and Ecology Management Plan |
| Outline Plan | An Outline Plan prepared in accordance with section 176A of the Resource Management Act 1991 |
| PFMP | Playing Fields Management Plan |
| Project | The design, construction, maintenance, and operation of the Omāroto Reservoir as in the AEE and these designation conditions |
| SSTMP | Site Specific Traffic Management Plan |
| WCC | Wellington City Council |
| Work or Works | The construction, maintenance, or operation of the Project, including where relevant any stage or part thereof |
| Working day | Has the same meaning as under Section 2 of the Resource Management Act 1991 |

Proposed conditions

| No. | Proposed designation condition |
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| | General conditions and administration |
| DC.1 | <p>a) Except as modified by the conditions below, and subject to final design and Outline Plan(s), the Project shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement and supporting documents being:</p> <ol style="list-style-type: none"> i) AEE Report, dated 15 September 2017 ii) Notice of Requirement Update, dated 29 January 2018 <p>b) Where there is conflict between the documents listed above and these designation conditions, these conditions shall prevail.</p> <p><i>NOTE: The conditions of this designation have been specifically prepared to manage the construction of the Project. With the exception of DC.1 a) all conditions will expire, and may be removed from this designation in accordance with s182 of the RMA, upon completion of the Works.</i></p> |
| DC.2 | <p>As soon as reasonably practicable following the completion of construction of the Project, the Requiring Authority shall:</p> <ol style="list-style-type: none"> a) Review the area designated for the Project b) Identify any areas of designated land that are no longer necessary for the on-going operation or maintenance of the Project or for ongoing mitigation measures c) Give notice to WCC in accordance with section 182 of the RMA seeking the removal of those parts of the designation identified in DC.2 b) above |
| DC.3 | The designation shall lapse if not given effect to within 10 years from the date on which it is included in the District Plan under section 175 of the RMA |
| DC.4 | <p>The Requiring Authority shall submit to the Council's Compliance Monitoring Officer (CMO) at least 2 months prior to commencement of construction, a detailed programme outlining:</p> <ol style="list-style-type: none"> a) The proposed staging of the works b) The anticipated submission dates of the management plans and outline plans required by these conditions |
| DC.5 | <p>Prior to commencing any construction works, the Requiring Authority shall arrange and conduct a pre-construction site meeting with the contractor (at a minimum the Project Manager and Site Manager) undertaking the works and invite, with a minimum of 10 working days' notice, WCC's CMO and any other key WCC representatives determined by the CMO.</p> <p><i>Note: In the case that any of the invited parties, other than the representative of the Requiring Authority and the contractor, do not attend this meeting, the Requiring Authority will have complied with this condition, provided the invitation requirement is met.</i></p> |
| DC.6 | An Outline Plan/s shall be submitted to the Territorial Authority for each stage of works, unless a waiver for this requirement is provided in writing by the WCC ResourceConsents Team. |
| | Community liaison |
| DC.7 | Prior to commencement of construction, the Requiring Authority shall appoint an |

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| | <p>appropriately qualified Community Liaison Person (CLP) in accordance with the following provisions:</p> <ul style="list-style-type: none"> a) The CLP shall be appointed in consultation with the CMO (the CMO may consult with other parties within Wellington City Council as appropriate). b) Notwithstanding conditions DC7(c) and (d), the CLP shall be responsible for proactively engaging with stakeholders and the community throughout the construction phase of the reservoir, including by arranging a community BBQ with residents, Project staff and contractors prior to the commencement of construction. c) Where a Community Reference Group (CRG) for the Prince of Wales/Omāroro reservoir project is established under the Wellington Town Belt Act, the CLP shall: <ul style="list-style-type: none"> (i) attend CRG meetings, and (ii) be responsible for presenting draft management plans to the CRG for feedback, prior to submission to the CMO (iii) be responsible for working with the CRG to identify opportunities for the Project to create education opportunities associated with the Project. d) Contact details of the CLP shall be made readily available to the CMO, other stakeholders and the community surrounding the subject site. e) The CLP shall be engaged until the completion of construction. <p><i>Note: For the avoidance of doubt the CLP shall be an individual person and the Requiring Authority shall be responsible for meeting all costs associated with this role.</i></p> |
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| Community Liaison Group | |
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| DC.8 | <p>Community Liaison Group Formation</p> <ul style="list-style-type: none"> a) In the event that a CRG for the Prince of Wales/Omāroro reservoir Project is not established under the Wellington Town Belt Act, or that it is disestablished prior to completion of construction, the Requiring Authority shall be responsible for the establishment and coordination of an alternative Community Liaison Group (CLG) and shall appoint an independent chairperson for the CLG in consultation with the CMO. b) Where a CRG has not been established, a CLG shall be formed prior to the lodgement of any management plan/s or any outline plan/s. c) Where a CRG was formed but has been disestablished, invitations to establish a CLG shall be sent to prospective CLG members within 1 month, and an establishment meeting held as soon as reasonably practicable. <p>Community Liaison Group Membership</p> <ul style="list-style-type: none"> d) Where a CLG is required the CLG shall include as a minimum the following parties: <ul style="list-style-type: none"> (i) A representative from WCC’s Compliance Monitoring Team (ii) A representative from WCC’s Parks, Sports and Recreation Group (iii) The CLP (iv) The Requiring Authority’s Project Manager (v) The Construction/Site Manager (vi) A representative from Mt Cook Mobilised (vii) A representative for Rolleston Street residents (viii) A single representative for residents for the Hargreaves Street, Westland Road, Salisbury Terrace, Salisbury Avenue and Wright Street areas, and (ix) A single representative for residents above the Project site for |
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the Asquith Terrace and Dorking Road areas.

- e) Where a CLG is required the Requiring Authority shall also invite representatives from the following parties to join the membership of the CLG:
- (i) A Greater Wellington Regional Council Compliance representative
 - (ii) Port Nicholson Block Trust
 - (iii) Te Rūnanga o Toa Rangātira Inc.
 - (iv) A representative from the users of the Scottish Harriers Building
 - (v) A representative from the Friends of the Town Belt
 - (vi) A representative for the local business community
 - (vii) In consultation with WCC's PSR group a representative for sports field users.
 - (viii) A representative from the Papawai Reserve Group.

Community Liaison Group Purpose

- f) Where a CLG is required the purpose of the CLG will be as follows:
- (i) To provide a forum for community and stakeholder involvement through which any issues of community interest or concern can be raised and responded to in relation to the construction of the reservoir.
 - (ii) To provide a forum for the Requiring Authority to inform the CLG and its members about progress with management plans and to provide an opportunity for feedback on any draft management plan or outline plan prior to submission to the CMO or WCC.
 - (iii) To consider issues relating to compliance with designation conditions, including management plans and outline plans.
 - (iv) To consider education opportunities associated with the project.

Community Liaison Group Meetings

- g) Where a CLG is required the CLG meetings shall be held at times and locations that maximise representation and attendance.

Community Liaison Group Costs

- f) The Requiring Authority shall be responsible for any direct costs in running the CLG and CLG meetings.

Community Liaison Group Attendance

- g) Where a CLG is required the Requiring Authority shall not be in breach of conditions DC.8a)-g) and j), if any one or more of the CLG parties either do not wish to be members of the CLG or do not attend particular meetings.

Community Liaison Group Terms of Reference

- h) Where a CLG is required the CLG shall formulate its terms of reference that will include:
- (i) Defined roles and responsibilities of its members to achieve the purpose of the CLG
 - (ii) Procedural matters for the running and recording of any meetings including recommendations from the CLG to the Requiring Authority relating to draft management plan/s and outline plan/s
 - (iii) Determining the frequency of meetings.

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| | <p>Community Liaison Group Dis-establishment</p> <p>Where a CLG is required the CLG shall be dis-established following the completion of construction and the expiry of any related defect liability and landscape/planting maintenance period associated with the Project.</p> |
| | <p>Complaints</p> |
| DC.9 | <p>a) At all times during the Works, the Requiring Authority shall maintain a permanent register of any complaints received alleging adverse effects from, or related to, the Works. As far as practicable the register shall include:</p> <ul style="list-style-type: none"> i) The name and address (where this has been provided) of the complainant ii) The nature of the complaint iii) Location, date and time of the complaint and also of the alleged event iv) Weather conditions at the time of the event and including wind direction and approximate wind strength if the complaint relates to air quality or noise v) The outcome of the Requiring Authority's investigation into the complaint vi) Measures taken to respond to the complaint vii) Any other activities in the area, unrelated to the construction, which may have contributed to the complaint (such as non-Project construction, fires, traffic accidents or unusually dusty conditions generally) <p>b) The Requiring Authority shall:</p> <ul style="list-style-type: none"> i) Acknowledge the complaint within 2 Working Days ii) Promptly investigate, identify the urgency associated with the complaint and communicate that to the complainant iii) Take reasonable steps to remedy or mitigate the matters giving rise to the complaint if there are reasonable grounds for the complaint within 10 Working Days of receiving the complaint or such sooner time as may be reasonably necessary in the circumstances iv) Maintain a record of its responses and any remedial actions undertaken v) This record shall be maintained on site and shall be made available to the CMO and GWRC upon request |
| DC.10 | <p>The complaints process outlined in condition DC.9 shall continue until the completion of construction. Any complaints received after this period shall be managed by the Requiring Authority in accordance with its standard complaints procedures</p> |
| | <p>Management Plans</p> |
| DC.11 | <p>a) The following Management Plans shall be submitted to the CMO for certification either at the same time or post-acceptance of outline plans associated with the construction of the Omāroro Reservoir:</p> <ul style="list-style-type: none"> i) Construction Management Plan (CMP) ii) Earthworks Management Plan (EMP) iii) Construction Traffic Management Plan (CTMP) iv) Site Specific Traffic Management Plan (SSTMP) v) Construction Noise and Vibration Management Plan (CNVMP) vi) Landscape and Ecology Management Plan (LEMP) |

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| | <p>vii) Playing Fields Management Plan (PFMP)</p> <p>b) Works must not commence until certification of the management plans is received in writing</p> <p>c) All construction of the Project shall be carried out in accordance with the certified management plans required by these conditions</p> <p>d) The management plans provide the overarching principles, methodologies, and procedures for managing the effects of the Works to achieve the environmental outcomes and performance standards required by these conditions</p> <p>e) The management plans apply to the entire Project (including where it is constructed in Stages) and, for some matters, are sufficient to address construction management without the need for more specific plans. For other matters, there is a need for site- specific plans to provide the necessary level of detail to address requirements within each of the Stages</p> <p>f) The management plans shall be in general accordance with any draft management plan included as part of the AEE</p> <p>g) A copy of the certified management plans shall be made publicly accessible on the Requiring Authority's website</p> <p>h) During the construction period, a copy of all certified management plans shall be kept on site at all times, and be made available to the CMO upon request.</p> <p><u>Advice Note:</u> <i>Certification of the management plans shall be on the basis that they are consistent with the conditions of the designation.</i> <i>The CMO will consult with relevant Council staff/consultants in determining the appropriateness of the management plans, and in order to provide any comments back to the Requiring Authority.</i></p> |
| DC.12 | The Requiring Authority shall submit draft copies of all management plans (as required by condition DC.11) to the CMO for comment at least 20 Working Days prior to the management plans being lodged for certification. If an Outline Plan has not been submitted prior to this occurring, or an outline plan waiver granted, a draft Outline Plan shall also be provided. |
| DC.13 | The management plans are not required to include all details for every stage of Work at the time the plan is submitted for certification to the CMO. If further details are to be provided for later Stages of Work, the management plan shall specify which Stages require further certification at a later date. Further details shall be submitted to the CMO for certification prior to construction commencing in the relevant Stage (and work on each stage shall not commence until the relevant management plans are certified). |
| DC.14 | The Requiring Authority may request amendments to any of the management plans required by these conditions by submitting the amendments in writing to the CMO for certification at least 10 Working Days prior to any changes taking effect. Any changes to management plans shall remain consistent with the overall intent of the management plan and relevant conditions and achieve the outcomes required by these conditions. The changes sought shall not be implemented until the consent holder has received the CMO written certification for the relevant management plan(s). |
| DC.15 | Where any condition requires that a management plan or other plan be certified, if the Plan has not been certified within 3 months of lodgement, or with the agreement of the CMO, the Requiring Authority may elect as an alternative to submit the management plan to WCC Resource Consents Team as an Outline Plan in accordance with section 176A of the RMA, and compliance with section 176A shall be deemed to satisfy the |

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| | certification requirement. |
| | Construction Management Plan |
| DC.16 | <p>a) At least 15 Working Days prior to Commencement of Construction the Requiring Authority shall submit a CMP to the CMO for certification</p> <p>b) The CMP shall address the matters in condition DC.17</p> |
| DC.17 | <p>The CMP shall include details of:</p> <p>a) Construction methodologies and construction timeframes, including staging</p> <p>b) Normal working hours, shall be:</p> <p>i) For on-site construction activities: 7:30am to 6.00pm Monday to Saturday (excluding public holidays)</p> <p>ii) For earthworks related heavy vehicle movements on public roads: 9:00am - 6:00pm Monday to Friday (excluding public holidays)</p> <p>iii) For all non-earthwork related heavy vehicle movements on public roads: 9:00am -6:00pm Monday to Friday (excluding public holidays)</p> <p>c) An exemption process for approval by the CMO, for any construction work and specialised heavy vehicle movements that cannot be undertaken during normal working hours.</p> <p>d) Staff and contractors' responsibilities</p> <p>e) Public safety</p> <p>f) Training requirements for employees, sub-contractors and visitors</p> <p>g) Environmental incident and emergency management</p> <p>h) Communication and interface procedures</p> <p>i) Complaints management (in accordance with condition DC.9)</p> <p>j) Compliance monitoring</p> <p>k) Environmental reporting</p> <p>l) Corrective action</p> <p>m) Site inspection and environmental auditing procedures</p> <p>n) Contact details for the person in charge of the works</p> <p>o) Contact details for the CLP</p> |
| | Earthworks Management |
| DC.18 | <p>a) At least 15 Working Days prior to Commencement of Construction the Requiring Authority shall submit an Earthworks Management Plan (EMP) to the CMO for certification</p> <p>b) The EMP shall address the matters in condition DC.19</p> |
| DC.19 | <p>The EMP must include (but not be limited to) the following matters:</p> <p>a) An illustrated plan that records the key features of the EMP</p> <p>b) A description of measures to be used to prevent and minimise adverse effects associated with:</p> <p>i) dust</p> <p>ii) sediment that may track onto the road network</p> <p>iii) sediment that may enter the stormwater system (including Papawai Stream and the Waitangi Tributary), including secondary sediment and</p> |

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| | <p>erosion protection measures that will be provided.</p> <ul style="list-style-type: none"> c) The methodology to minimise the surface area of un-stabilised earthworks, including stockpiles. The purpose is to decrease the potential for erosion related dust and sediment generation. d) Measures to ensure temporary and permanent excavations, fill areas, and stockpiles remain stable. e) Evidence shall be provided with the EMP demonstrating that measures in condition DC.19 d) have been peer reviewed by a Geotechnical Professional, from a second geotechnical consultancy, and confirming that they are in accordance with current industry best practice and the geotechnical assessment specified in condition DC.20. f) A minimum 10m setback from stockpiles to the northern and eastern boundary of the upper field and the eastern boundary of the lower field unless otherwise recommended in the peer reviewed geotechnical report required by condition DC.20 g) Measures to minimise the visual effect of stockpiles though hydro-seeding or other methods where the stockpile will be undisturbed for a period of longer than 2 months h) Nomination of a site person responsible for the implementation of the EMP. <p><i>Note: Condition DC.19(b)(iii) is intended to be given effect to through an Erosion and Sediment Control Plan that is required as a condition of GWRC's consent ref WGN180065 [35008], [35009], [35010]. It is expected that the ESCP will detail primary and secondary sediment and erosion protection measures to protect the Papawai Stream and the Waitangi Stream tributary. The ESCP will form part of the EMP.</i></p> |
| DC.20 | <ul style="list-style-type: none"> a) A geotechnical assessment of the final detailed design shall be prepared by a suitably qualified Geotechnical Professional. The assessment shall review the geotechnical hazards and risks associated with: <ul style="list-style-type: none"> i) Stability of existing banks or retaining walls located below the playing fields ii) Stability of the roadway between the playing fields iii) Differential settlement and potential associated erosion of the proposed fill iv) Stability of proposed fill covering the reservoir and existing slopes to the south east and north of the reservoir v) The conceptual design for the tunnel excavation and access stability b) The geotechnical report shall be peer reviewed by a Geotechnical Professional from a second geotechnical consultancy, to ensure that the methodology is in accordance with current industry best practice. c) The Requiring Authority shall either implement any recommendations in the peer review, or where any recommendations are not implemented, the Requiring Authority shall explain the reasons why – including the engineering rationale. d) The geotechnical report and the results of the peer review, including any Requiring Authority explanation for not implementing recommendations of the peer review, shall be provided to the CMO at least 15 working days prior to commencement of construction. |

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| DC.21 | <p>By 6pm every working day earthwork stockpiles shall not exceed the following height limits, measured from the base of each stockpile:</p> <ul style="list-style-type: none"> a) Upper Playing field- 5.5m in height b) Lower Playing field - 7m in height. |
| Construction Traffic Management Plan | |
| DC.22 | <ul style="list-style-type: none"> a) At least 15 Working Days prior to Commencement of Construction the Requiring Authority shall submit a CTMP to the CMO for certification b) The CTMP shall address the matters in condition DC.23 c) The CTMP shall be prepared in accordance with the version of the New Zealand Transport Agency Code of Practice for Temporary Traffic Management (COPTTM) that applies at the time the CTMP is prepared (where there is a change in the normal operating condition of a road). Where it is not possible to adhere to this standard, the COPTTM's prescribed Engineering Exception Decision (EED) process will be followed, which will include appropriate mitigation measures agreed with the Council's Road Asset Manager d) Construction shall not commence until the Requiring Authority has received the Manager's written certification of the CTMP |
| DC.23 | <p>The CTMP shall confirm the procedures, requirements and standards necessary for managing the traffic effects during the Work so that safe, adequate, and convenient routes for local movements by all transport modes are maintained throughout the construction of the Project. In particular, the CTMP should include methods to:</p> <ul style="list-style-type: none"> a) Minimise the disruption to users of local travel routes b) Minimise the disruption to local residents' parking, including methods to minimise interference between heavy vehicles and cars using the P10 parking outside the dairy on Wallace Street c) Maintain a safe passage for all travel routes, including road and footpath users affected by the Work <p>In particular, the CTMP shall describe:</p> <ul style="list-style-type: none"> i) Access to the site for heavy vehicles and contractors' vehicles ii) Details of the 8 temporary car parks for residents on the upper playing field. The Requiring Authority must aim to provide more than 8 car parks where space allows. iii) Access restrictions for bulk earth import and export from the site iv) Mechanisms to coordinate heavy vehicle movements to minimise instances where two construction vehicles meet at the Rolleston Street – Wallace Street Intersection |
| DC.24 | <ul style="list-style-type: none"> a) Prior to construction commencing the Requiring Authority shall carry out a preconstruction survey of Rolleston Street b) Prior to construction commencing, the Requiring Authority shall agree in writing with the CMO (who shall consult with the WCC Road Asset Manager) the nature, extent, frequency and any reporting requirements related to the inspections referred to in condition DC.24(c) c) The Requiring Authority shall carry out inspections of Rolleston Street, the Rolleston/Wallace Street intersection, and Salisbury Terrace to ensure that any potholes and other damage resulting from construction of the Works are identified and fixed as soon as practicable. These inspections will be carried out at the following frequency, unless otherwise agreed in writing by the CMO |

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| | <p>(who shall consult with the WCC Road Asset Manager):</p> <ul style="list-style-type: none"> i) Fortnightly during the earthwork excavation period ii) Every two months during the remainder of the construction period, through to the completion of any project defects and liability period. <p>d) The Requiring Authority shall repair pot holes and other damage resulting from the Project to Rolleston Street within 7 days of them being notified to the CLP or CMO. This timeframe may be extended if agreed in writing by the CMO.</p> <p>e) Unless otherwise agreed in writing by the CMO (who shall consult with the WCC Road Asset Manager), within 1 month of the completion of construction, the Requiring Authority shall organise with the CMO and Road Asset Manager a joint inspection of Rolleston Street to determine remedial/repaving works required to reinstate the road surface.</p> <p>f) Any identified remedial works, including repaving, shall be completed within 6 months of the completion of construction, unless otherwise agreed in writing with the WCC Road Asset Manager. The Requiring Authority shall meet all fair and reasonable costs of undertaking this work.</p> |
| DC. 25 | The Requiring Authority shall ensure that any on street parking removed or relocated during construction of the Project is reinstated within 1 month of completion of construction. |
| Site Specific Traffic Management Plans | |
| DC.26 | <ul style="list-style-type: none"> a) The Requiring Authority shall submit SSTMPs to the CMO for certification at least 5 Working Days prior to commencement of the relevant traffic management Works. b) The SSTMPs shall address the matters in condition DC. 27. c) Traffic management shall not be implemented until the Requiring Authority has received the CMO written certification of the SSTMP. |
| DC.27 | <p>SSTMPs shall describe the measures that will be undertaken to manage the traffic effects associated with construction of specific Stages of the Project prior to construction of the relevant Stage(s) of the Project commencing. Each SSTMP must be consistent with, and be implemented in accordance with, the CTMP. In particular, SSTMPs shall describe, where appropriate:</p> <ul style="list-style-type: none"> a) Temporary traffic management measures required to manage impacts on road users during proposed working hours b) Measures to maintain existing vehicle access to adjacent properties c) Measures to maintain safe and clearly identified pedestrian and cyclist access on roads and footpaths adjacent to the Works d) Any proposed temporary changes in speed limits e) Provision for safe and efficient access of vehicles to and from the construction site |
| Construction Noise and Vibration Management Plan | |
| DC.28 | <ul style="list-style-type: none"> a) At least 15 Working Days prior to Commencement of Construction the Requiring Authority shall submit a CNVMP to the CMO for certification b) The CNVMP shall address the matters in conditions DC.29-31 c) The CNVMP shall be prepared in accordance with the requirements of Annexe E to NZS 6803:1999 'Acoustics – Construction Noise' |

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| | <p>d) Construction shall not commence until the Requiring Authority has received the CMO's written certification of the CNVMP</p> <p>e) The CNVMP must be prepared by (or certified by) a suitably qualified acoustic specialist</p> <p>f) The CNVMP must be modified at the reasonable request of the CMO to deal with any deficiencies in its operations</p> |
| DC.29 | <p>The purpose of the CNVMP shall be to provide methods to manage noise/vibration appropriately for the variety of circumstances within the Project area by outlining the measures, procedures and standards for mitigating the effects of noise and vibration during construction of the Project so they will meet:</p> <p>The noise criteria set out in condition DC. 31, where practicable. Where it is not practicable to achieve those criteria, alternative strategies should be described to achieve the best practicable option to minimise the effects of construction noise on neighbours</p> <p>a) The vibration criteria set out in Table 3 of DIN 4150-3: 1999, where practicable. Where it is not practicable to achieve those criteria, a suitably qualified expert shall be engaged to assess and manage construction vibration during the activity that exceed the criteria</p> <p>b) Where on-site construction works and/or heavy vehicle movements need to be undertaken outside of normal working hours (as defined in DC17) night time (8:00pm – 6:30am) work shall be avoided where practicable. Where avoidance is not practicable, the best practicable option shall be adopted to minimise or mitigate noise and vibration effects.</p> <p><i>NOTE: The intent of DC.29c) is to clarify that activities required to be undertaken outside of normal working hours (defined in DC17) should preferably occur between either 6:30am-7:30am or 6:00pm-8:00pm. Night time activities (8:00pm- 6:30am) should be avoided where practicable.</i></p> |
| DC.30 | <p>The CNVMP shall, as a minimum, address the following:</p> <p>a) Description of the Works, anticipated equipment/processes and their scheduled durations</p> <p>b) Hours of operation (in accordance with condition DC.17), including times and days when activities causing noise and/or vibration would occur</p> <p>c) The construction noise and vibration criteria for the Project</p> <p>d) Identification of affected houses and other sensitive locations where noise and vibration criteria apply including a list of Noise Sensitive Receivers (as defined in NZS 6803:1999 'Acoustics – Construction Noise')</p> <p>e) Requirements for monitoring road surface condition to minimise noise and vibration from trucks travelling over potholes and uneven surfaces</p> <p>f) Requirements for building conditions surveys at locations close to activities generating significant vibration, prior to and after completion of construction and processes for repair of any damage caused by the Work</p> <p>g) Mitigation options including alternative strategies where full compliance with the relevant noise and/or vibration criteria cannot be achieved</p> <p>h) Methods and frequency for monitoring and reporting on construction noise and vibration</p> <p>i) Operator training procedures and expected behaviours under the CMP as required by condition DC.17</p> |

| | <p>j) Consultation and notification procedures</p> <p>k) Specify an exemption process for approval by the CMO for any construction work that cannot be undertaken during approved working hours.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| DC.31 | <p>Construction noise shall be measured and assessed in accordance with NZS 6803:1999 'Acoustics – Construction Noise'. The construction noise shall where practicable comply with the following criteria for the purposes of the CNVMP:</p> <table border="1" data-bbox="427 483 1214 1534"> <thead> <tr> <th>Time of week</th> <th>Time period</th> <th>dB LAeq(15 min)</th> <th>dB LAFmax</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Weekdays</td> <td>0630-0730</td> <td>55</td> <td>75</td> </tr> <tr> <td>0730-1800</td> <td>70</td> <td>85</td> </tr> <tr> <td>1800-2000</td> <td>65</td> <td>80</td> </tr> <tr> <td>2000-0630</td> <td>45</td> <td>75</td> </tr> <tr> <td rowspan="4">Saturdays</td> <td>0630-0730</td> <td>45</td> <td>75</td> </tr> <tr> <td>0730-1800</td> <td>70</td> <td>85</td> </tr> <tr> <td>1800-2000</td> <td>45</td> <td>75</td> </tr> <tr> <td>2000-063</td> <td>45</td> <td>75</td> </tr> <tr> <td rowspan="4">Sundays and public holidays</td> <td>0630-0730</td> <td>45</td> <td>75</td> </tr> <tr> <td>0730-1800</td> <td>55</td> <td>85</td> </tr> <tr> <td>1800-2000</td> <td>45</td> <td>75</td> </tr> <tr> <td>2000-0630</td> <td>45</td> <td>75</td> </tr> </tbody> </table> | Time of week | Time period | dB LAeq(15 min) | dB LAFmax | Weekdays | 0630-0730 | 55 | 75 | 0730-1800 | 70 | 85 | 1800-2000 | 65 | 80 | 2000-0630 | 45 | 75 | Saturdays | 0630-0730 | 45 | 75 | 0730-1800 | 70 | 85 | 1800-2000 | 45 | 75 | 2000-063 | 45 | 75 | Sundays and public holidays | 0630-0730 | 45 | 75 | 0730-1800 | 55 | 85 | 1800-2000 | 45 | 75 | 2000-0630 | 45 | 75 |
| Time of week | Time period | dB LAeq(15 min) | dB LAFmax | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Weekdays | 0630-0730 | 55 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0730-1800 | 70 | 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1800-2000 | 65 | 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2000-0630 | 45 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Saturdays | 0630-0730 | 45 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0730-1800 | 70 | 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1800-2000 | 45 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2000-063 | 45 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sundays and public holidays | 0630-0730 | 45 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0730-1800 | 55 | 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1800-2000 | 45 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2000-0630 | 45 | 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Landscape and Ecology Management | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DC.32 | <p>a) At least 15 Working Days prior to Commencement of Construction or vegetation removal, the Requiring Authority shall submit a LEMP to the CMO for certification</p> <p>b) The LEMP shall be in general accordance with the Landscape Strategy and Ecological Impact Assessment provided in the AEE and address the matters in condition DC. 33</p> <p>c) Construction shall not commence until the Requiring Authority has received the CMO written certification of the LEMP</p> <p><i>Advice note: The LEMP may be part of a combined document including the Playing Fields Management Plan.</i></p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DC.33 | The purpose of the LEMP is to outline the methods and measures to be implemented | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

prior to the Works, during the construction phase, and for a defined period thereafter to avoid, remedy, and mitigate adverse effects of the construction and the Project on landscape amenity, use and function. The LEMP shall document the permanent mitigation measures, as well as the necessary monitoring and management required to successfully implement those measures during construction and the transition to the Operational phase of the Project.

The LEMP shall, as a minimum, address the following:

- a) Final landscape strategy
- b) Confirmation of an appropriate buffer between the earthworks and waterways including confirmation of waterway location by longitudinal and cross-section survey. In the case of the Papawai Stream the buffer shall be no less than 10m on the stream's west bank (hillside). In the case of the Waitangi Stream Tributary, to the west of the Project site, no buffer shall be less than 5m.
- c) How the final reservoir backfill design will support a smooth integration with adjacent topography and optimise effective revegetation conditions
- d) Details of replaced pathways through the site, which shall be designed with reference to the WCC "Short Walk Standard"
- e) Consideration of CPTED principles in relation to the pipe tunnel access door
- f) Identification of vegetation to be retained, including retention of as many as practicable significant trees and areas of regenerating indigenous vegetation
- g) Protection measures for vegetation to be retained and vegetation clearance methodology as outlined in condition DC.34, including specifying a requirement that the removal of large trees shall be undertaken by an arborist to minimise damage to adjacent vegetation.
- h) Under conditions DC.33 f) and (g) above, particular attention shall be given to minimisation of the loss of trees in the Seral Forest B and to the protection of trees in the Seral Forest B that do not need to be removed. Where any vegetation is required to be removed from Seral Forest B, the Requiring Authority shall provide the CMO with a written explanation for why the removal is needed.
- i) A methodology for the monitoring of the nest boxes required by condition DC. 34 during construction, to be prepared by a suitably qualified and experienced ornithologist
- j) A methodology for surveying lizard presence prior to vegetation clearance, and minimising effects on lizard populations as required by condition DC.35.
- k) Details of proposed mass planting and specimen tree planting including plant species, plant/grass mixes, spacing/densities, sizes (at the time of planting) and layout and planting methods. The intention is to achieve a dense canopy of complementary plant communities which will achieve a variation in plant height.
- l) Planting programme – the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within the first planting season following completion of the Project
- m) Detailed specifications relating to (but not limited to) the following:
 - i) Weed control and clearance
 - ii) Ground preparation
 - iii) Mulching
 - iv) Plant supply and planting, including hydro-seeding and grassing
 - v) Proposed maintenance of plantings, including the replacement of

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| | <p>unsuccessful plantings</p> <p>vi) Response maintenance for existing vegetation affected by opening of the canopy during construction (this is required to address potential windfall effects that may arise as a result of peripheral tree removal)</p> <p>n) Subject to achieving the success standards in paragraphs i), ii) and iii) below, there shall be a five year defects liability and maintenance period for all terrestrial planting but the maintenance period may be shorter if the success measures have been achieved earlier. At the end of that period, the Requiring Authority shall provide information to the CMO to demonstrate that the planting has been successful, with success defined as follows:</p> <p>i) In relation to mass planting, successful planting shall be defined as 80% canopy closure whereby a sustainable plant community has been established and where plants have grown to create a canopy that shades the ground and suppresses weed growth;</p> <p>ii) In relation to the planting of specimen trees, successful planting shall be defined as 100% plant survival, with 100% of trees in full leaf (if the relevant species is typically in leaf at that time of year) with the trees to have a habit of growth that is normal to the species and are to be sound, healthy and vigorous with normal and well-developed branch systems;</p> <p>iii) Success in relation to wetland and riparian planting shall be defined as nearly as practicable to the criteria in i), or ii) and in any event as agreed by expert ecologists.</p> |
| DC.34 | <p>Prior to any vegetation clearance occurring:</p> <p>a) The maximum extent of clearance is to be clearly identified and confirmed by the Project Ecologist in consultation with the Project Landscape Architect and Project Construction Manager</p> <p>b) Vegetation to be retained will be clearly marked on site, with special attention given to large trees and Seral Forest B</p> <p>c) As far as practicable, vegetation clearance will occur outside the breeding season of kaka, falcon, kakariki, and morepork (1 September to 30 March)</p> <p>d) If vegetation clearance must occur during the period identified in condition DC.34 c), a survey shall be undertaken prior to clearance by a suitably qualified and experienced ornithologist to determine if a nest or nests are present. If a nest of any of the species identified in DC. 34c) is located on a tree to be felled, that tree must not be felled until the chick(s) has left the nest</p> <p>e) The Requiring Authority shall engage a suitably qualified and experienced ornithologist to provide a recommendation on the type, location and number of nest boxes that must be installed in adjacent areas of vegetation specifically for resident kaka and morepork.</p> <p>f) Nesting boxes required under DC.34 e) shall be installed under the supervision of the ornithologist prior to the commencement of any tree removal.</p> <p><u>Advice Notes:</u></p> <p><i>Evidence that the above process has been followed is to be provided to the CMO upon request. The CMO shall consult with an ecologist within the Council.</i></p> |
| DC.35 | <p>a) Prior to any vegetation clearance occurring, a lizard survey is to be undertaken of the Project site and surrounding area by a herpetologist.</p> <p>b) If any lizards are found or their presence is suspected measures must be developed to minimise the effect of the Project on the lizard population, this may include lizard</p> |

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| | relocation prior to vegetation clearance, and habitat re-creation associated with post construction site remediation and landscaping. These measures must be included in the Landscape and Ecology Management Plan required under conditions DC.32 and DC.33. |
| DC.36 | Prior to commencing construction the Requiring Authority shall remove and store the existing bench seat and plaque located on the reservoir site. Within six months of the completion of construction the bench seat and plaque shall be re-instated. |
| DC.37 | A planting review must be undertaken by a suitably qualified and experienced landscape architect within 3 years of completion of construction of the reservoir. The review will focus on the revegetation and assess the effectiveness of plant growth, particularly on mechanically stabilised slopes. Where required, remedial works shall be undertaken to ensure that planting treatments are successful and have the potential to improve the landscape values of the site. Evidence of this review must be provided to the CMO. |
| Playing Fields | |
| DC.38 | <p>a) At least 15 Working Days prior to Commencement of Construction the Requiring Authority shall submit a Playing Field Management Plan (PFMP) to the CMO for certification</p> <p>b) The PFMP shall address the matters in condition DC.39</p> <p>c) Construction shall not commence until the Requiring Authority has received the CMO written certification of the PFMP</p> <p><i>Advice note: The PFMP may be part of a combined document including the Landscape Ecology Management Plan</i></p> |
| DC.39 | <p>The purpose of the PFMP is to outline the methods and measures to be implemented prior to the Works, during the construction phase, and for a defined period thereafter to avoid, remedy, and mitigate adverse effects of the construction and the Project on the Upper and Lower Prince of Wales Park playing fields.</p> <p>The PFMP shall, as a minimum, address the following:</p> <p>a) Final design of the fields including levels and improved drainage (where practicable)</p> <p>b) Surface specifications</p> <p>c) Retaining works, including any retaining structure design, where necessary</p> <p>d) Permanent access for maintenance vehicles to both fields</p> <p>e) Fencing</p> <p>f) Design of the access track between the upper and lower playing fields.</p> |
| DC.40 | <p>a) The PFMP shall be prepared in consultation with the Manager, Open Space and Recreation Planning and the Manager, Sports and Recreation Operations and Contracts.</p> <p>b) The PFMP shall demonstrate how the outcomes of the consultation have been incorporated and, where they have not, the reasons why.</p> |
| DC.41 | <p>The Requiring Authority shall not permanently raise the upper and lower playing fields as part of the Project for the expressed purpose of permanently storing surplus excavated material from the proposed reservoir site.</p> <p>This condition shall not affect or limit any reasonable works required as part of field reinstatement, involving field re-shaping or re-profiling, required to appropriately reinstate playing surfaces as agreed with the Manager Open Space and Recreation Planning and the Manager, Sports and Recreation Operations and Contracts.</p> |
| DC.42 | a) There shall be a 1 year defects liability period for works associated with the |

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| | <p>reinstatement of each of the upper and lower playing fields, including access tracks, retaining walls (where required), fencing and drainage. This 1 year period will commence from the date that the CMO (in consultation with the Manager, Open Space and Recreation Planning and the Manager, Sports and Recreation Operations and Contracts), confirms in writing that the reinstated field or fields, and related tracks, retaining walls, fencing and drainage are suitable for organised sports use and public activities to commence.</p> <p>b) Within the defects liability period the Requiring Authority is responsible for meeting all reasonable costs associated with ensuring the successful reinstatement of the fields.</p> <p>c) At the end of the period in DC.42 a), the Requiring Authority shall provide confirmation to the CMO that the playing field reinstatement, including any required retaining works, permanent maintenance vehicle access works (including the access track between the upper and lower field), fencing and any required defect remedial work/s has been successful. This confirmation shall involve an appropriately qualified and experienced sports turf specialist.</p> <p><i>NOTE: DC42a) includes flexibility to separately stage the reinstatement of the upper and lower playing fields. For the avoidance of doubt, where this occurs the 1 year defects liability period will vary (in terms of its start and end date) for each field.</i></p> |
| | <p>Accidental discovery</p> |
| <p>DC.43</p> | <p>At least 15 Working Days prior to Commencement of Construction the Requiring Authority shall, in consultation with Port Nicholson Block Trust and Te Rūnanga o Toa Rangātira Inc, prepare an accidental discovery protocol and provide a copy to the CMO and GWRC for information at the time the CEMP is submitted. The protocol shall be implemented in the event of accidental discovery of cultural or archaeological artefacts or features during construction of the Project. The protocol shall include, but not be limited to:</p> <p>a) Identification of parties to be notified in the event of an accidental discovery, who shall include, but need not be limited to Port Nicholson Block Trust, Te Rūnanga o Toa Rangātira Inc, HNZ, WCC, GWRC, and, if kōiwi are discovered, the New Zealand Police</p> <p>b) Setting out of procedures to be undertaken in the event of an accidental discovery (these shall include immediate ceasing of all construction in the vicinity of the discovery until authorised to proceed)</p> <p>c) Training procedures for all contractors regarding the possible presence of cultural or archaeological sites or material, what these sites or material may look like, and the relevant procedures if any sites or material are discovered</p> |