

## Trig Road Corridor Upgrade

### Proposed Consent Conditions

#### Abbreviations and definitions

Acronym/Term	Definition
AUP	Auckland Unitary Plan.
CEMP	Construction Environmental Management Plan
Certification	Confirmation from the Council that a plan or material change to a plan has been prepared in accordance with the condition to which it relates. A management plan shall be deemed certified: (a) where the applicant has received written confirmation from Council that a management plan is certified; or (b) fifteen working days from the submission of a management plan where no written confirmation of certification has been received.
Construction Works	Activities undertaken to construct the Project excluding Enabling Works.
Council	Auckland Council
CTMP	Construction Traffic Management Plan
Enabling works	Includes, but is not limited to, the following and similar activities: <ul style="list-style-type: none"> <li>• geotechnical investigations (including trial embankments)</li> <li>• archaeological site investigations</li> <li>• formation of access for geotechnical investigations</li> <li>• establishment of site yards, site entrances and fencing</li> <li>• constructing and sealing site access roads</li> <li>• demolition or removal of buildings and structures</li> <li>• relocation of services</li> <li>• establishment of mitigation measures (such as erosion and sediment control measures, temporary noise walls, earth bunds and planting)</li> </ul>
Flood prone area	A potential ponding area that relies on a single culvert for drainage and does not have an overland flow path.
Mana whenua	Mana Whenua as referred to in the conditions is considered to be (as a minimum but not limited to) the following (in no particular order), who at the time of Notice of Requirement expressed a desire to be involved in the Project: <ul style="list-style-type: none"> <li>• Te Kawerau a Maki</li> <li>• Ngāti Whātua o Kaipara</li> <li>• Te Ākitai Waiohua</li> <li>• Ngāti Whanaunga</li> </ul> <p><b>Note:</b> Other iwi and hapu not identified above may have an interest in the Project and should be consulted.</p>
Project Liaison Person	The person or persons appointed for the duration of the Project's Construction Works to be the main point of contact for persons wanting information about the Project or affected by the Construction Works.
RMA	Resource Management Act (1991)
Stage of Work	Any physical works that require the development of an Outline Plan.
Start of Construction	The time when Construction Works (excluding Enabling Works) start.

Acronym/Term	Definition
Suitably Qualified Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability, experience and competence in the relevant field of expertise.

## Proposed Consent Conditions

REGIONAL CONSENT CONDITIONS	
1.	<p><b>Activity in General Accordance with Plans and Information</b></p> <p>(a) Except as provided for in the conditions below, , works within the designation shall be undertaken in general accordance with Project description and concept plan in schedule 1:</p> <p>(b) Where there is inconsistency between:</p> <p>(i) Project description and concept plan in schedule 1 and the requirements of the following conditions, the conditions shall prevail;</p> <p>(ii) the documents listed in condition 1(a) above Project description and concept plan in schedule 1, and the management plans under the conditions of the designation, the requirements of the management plans shall prevail.</p>
2.	<p><b>Lapse</b></p> <p>Under section 125 of the RMA, these consents lapse fifteen years after the date they are granted unless:</p> <p>(a) The consents are given effect to; or</p> <p>(b) The council extends the period after which the consents lapse.</p>
3.	<p><b>Expiry</b></p> <p>(a) Under section 123(c)The consents for earthworks, stream works, and discharge of contaminants to land will expire 10 years from the date of commencement</p> <p>(b) Under section 123(a) of the RMA, the consent for reclamation of the wetland has an unlimited duration. The consents for reclamation shall be unlimited.</p>
4.	<p><b>Monitoring charge</b></p> <p>The consent holder shall pay the council an initial consent compliance monitoring charge of xx (inclusive of GST), plus any further monitoring charge or charges to recover the actual and reasonable costs incurred to ensure compliance with the conditions attached to these consents</p> <p><i>Advice note:</i></p> <p><i>The initial monitoring deposit is to cover the cost of inspecting the site, carrying out tests, reviewing conditions, updating files, etc., all being work to ensure compliance with the resource consent(s). In order to recover actual and reasonable costs, monitoring of conditions, in excess of those covered by the deposit, shall be charged at the relevant hourly rate applicable at the time. The consent holder will be advised of the further monitoring charge. Only after all conditions of the resource consent(s) have been met, will the council issue a letter confirming compliance on request of the consent holder.</i></p>
Pre Construction	
5.	<p>Prior to the commencement of Construction activity, the consent holder must hold a pre-start meeting that:</p> <ul style="list-style-type: none"> <li>is located on the subject site;</li> <li>is scheduled not less than five days before the anticipated commencement of earthworks;</li> <li>includes Auckland Council compliance monitoring representatives; and</li> <li>includes representation from the contractors and the supervising engineers who will undertake the works.</li> </ul> <p>The meeting must discuss the erosion and sediment control measures, the earthworks methodologies and must ensure all relevant parties are aware of and familiar with the necessary conditions of this consent.</p> <p>The following information must be made available at the pre-start meeting:</p> <ul style="list-style-type: none"> <li>Timeframes for key stages of the works authorised under this consent;</li> <li>Name and contact details for key contractors and supervising engineers;</li> </ul>

	<ul style="list-style-type: none"> <li>• Resource consent conditions;</li> <li>• The Stage Specific Erosion and Sediment Control Plan (ESCP) required by condition 9;</li> <li>• The Wetland Restoration and Enhancement Plan (WREP) required by conditions 8; and</li> <li>• The Chemical Treatment Management Plan (ChTMP) required by condition 10.</li> </ul> <p>A pre-start meeting shall be held prior to the commencement of any earthworks activity associated with stage of the project.</p>
<p><b>6.</b></p>	<p><b>Management Plans</b></p> <p>(a) Any management plan shall:</p> <ul style="list-style-type: none"> <li>(i) Be prepared and implemented in accordance with the relevant management plan condition;</li> <li>(ii) Be submitted to Council for certification at least 20 working days prior to the relevant stage of works;</li> <li>(iii) Be prepared by a Suitably Qualified Person(s);</li> <li>(iv) Include sufficient detail relating to the management of effects associated with the relevant activities and/or Stage of Work to which it relates.</li> <li>(v) Summarise comments received from Mana Whenua and other stakeholders as required by the relevant management plan condition, along with a summary of where comments have: <ul style="list-style-type: none"> <li>a. Been incorporated; and</li> <li>b. Where not incorporated, the reasons why.</li> </ul> </li> <li>(vi) Once finalised, uploaded to the Project website or equivalent virtual information source.</li> <li>(vii) Any management plan developed in accordance with Condition 6 may:</li> <li>(viii) Be submitted in parts or in stages to address particular activities (e.g. design or construction aspects) a Stage of Work of the Project, or to address specific activities authorised by the designation.</li> <li>(ix) If the Consent Holder has not received a response from the Council within 15 working days, then the management plan will be deemed to be certified.</li> <li>(x) Except for material changes, be amended to reflect any changes in design, construction methods or management of effects without further process.</li> <li>(xi) Any approved or certified Management Plan may be amended if necessary to reflect any minor changes in construction methods or management of effects.</li> <li>(xii) Any changes to an approved or certified Management Plan involving a materially different outcome shall be submitted to the Council to certify that they comply with the applicable requirements of these conditions. Any material change must be consistent with the purpose of the relevant Management Plan and the requirements of the relevant conditions of these consents</li> <li>(xiii) Any material changes to the CEMPs, WREP and ESCP are to be submitted to the Council for information.</li> </ul>
<p><b>7.</b></p>	<p><b>Construction Environmental Management Plan (CEMP)</b></p> <p>(a) A CEMP shall be prepared prior to the Start of Construction for a Stage of Work.</p> <p>(b) The objective of the CEMP is to set out the management procedures and construction methods to be undertaken to, avoid, remedy or mitigate any adverse effects associated with Construction Works as far as practicable. To achieve the objective, the CEMP shall include:</p> <ul style="list-style-type: none"> <li>(i) the roles and responsibilities of staff and contractors;</li> <li>(ii) details of the site or project manager and the Project Liaison Person, including their contact details (phone and email address);</li> <li>(iii) the Construction Works programmes and the staging approach, and the proposed hours of work;</li> <li>(iv) details of the proposed construction yards including temporary screening when adjacent to residential areas, site layouts (including construction yards), locations of refuelling activities and construction lighting;</li> <li>(v) methods for controlling dust and the removal of debris and demolition of construction materials from public roads or places;</li> <li>(vi) methods for providing for the health and safety of the general public;</li> <li>(vii) procedures for incident management;</li> <li>(viii) procedures for the refuelling and maintenance of plant and equipment to avoid discharges of fuels or lubricants to Watercourses;</li> <li>(ix) measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up;</li> <li>(x) procedures for responding to complaints about Construction Works; and</li> <li>(xi) methods for amending and updating the CEMP as required.</li> </ul>
<p><b>8.</b></p>	<p><b>Wetland Restoration and Enhancement Plan (WREP)</b></p>

	<p>(a) Prior to works commencing, the Consent Holder shall submit to Council for certification a Wetland Restoration and Enhancement Plan (WREP). The purpose of the WREP shall be to:</p> <ul style="list-style-type: none"> <li>(i) confirm the accurate extent of wetland loss due to the project;</li> <li>(ii) detail the measures proposed to minimise the loss of any wetland habitat as far as practicable; and</li> <li>(iii) identify measures to mitigate any loss that cannot be minimised through wetland enhancement/planting.</li> </ul> <p>(b) The WREP shall be prepared by a Suitably Qualified Person and shall be in accordance with the 'Indicative Wetland Offset Plan' in Schedule 1.</p> <p>(c) The WREP shall use the Biodiversity Offset Accounting Model as developed by Maseyk et al. (2015)<sup>1</sup> to establish the quantum of wetland enhancement/planting that is required to achieve no net loss in ecological value.</p> <p>(d) The WREP shall include:</p> <ul style="list-style-type: none"> <li>(i) Confirmation of the extent of wetland loss due to the project</li> <li>(ii) Details of the measures proposed to minimise the loss of wetland habitat – including any wetland enhancement/planting</li> <li>(iii) Confirmation in detailed design that the wetland hydrological system for any offset mitigation allows for a wide range of facultative and obligate indigenous wetland plants to establish and become a self-sustaining native wetland system;</li> <li>(iv) Measures to protect the wetland so it is protected in perpetuity and excludes stock;</li> <li>(v) Initial and ongoing plant pest control for a period of five years from establishment to minimise exotic plant cover in the wetland; and</li> <li>(vi) Initial and infill planting of an array of wetland and wetland edge native plants (including a mosaic of permanently submerged wetland vegetation and low-growing shrubby species with thick, strong root systems) to achieve a minimum 80% native wetland plant cover three years from establishment.</li> </ul> <p><i>Advice Notes:</i> <i>The certification and amendment of the WREP is covered by Condition 6 above.</i></p>
<p>Advice note</p>	<p><b>Freshwater Fish</b> <i>Advice Note:</i></p> <p><i>Prior to the commencement of works in the vicinity of the wetland headwaters of Trig Stream and the Waiarohia Stream, a suitably qualified freshwater ecologist shall complete a survey to determine whether there is any water present in the waterways that requires fish salvage to be undertaken in accordance with the Freshwater Fisheries Regulations 1983. If water is present then fish salvage will be undertaken to ensure the works comply with the Freshwater Fisheries Regulations 1983.</i></p>
<p><b>9.</b></p>	<p><b>Finalised Erosion and Sediment Control Plans (ESCP)</b></p> <p>Prior to the commencement of a specific stage of earthworks activity on the subject site, a finalised Erosion and Sediment Control Plan(s), specific to that stage of earthworks, must be prepared in accordance with Auckland Council Erosion and Sediment Control Guide for Land Disturbing Activities in the Auckland Region, June 2016, Incorporating Amendment 1 (GD05), and submitted to the Council for written certification. No earthworks activity on the subject site must commence until the Council has certified that that the ESCP satisfactorily meets the requirements of GD05. The plan(s) must contain sufficient details to address the following matters:</p> <ul style="list-style-type: none"> <li>(a) Specific erosion and sediment control measures for the earthworks (location, dimensions, capacity) including the location of any sediment retention ponds or decanting earth bunds, silt fences, super silt fences, clean and dirty water diversion bunds and stabilised construction entrances, in accordance with GD05;</li> <li>(b) supporting calculations and design drawings, as necessary;</li> <li>(c) details of construction methods;</li> <li>(d) monitoring and maintenance requirements;</li> <li>(e) catchment boundaries and contour information as necessary; and,</li> <li>(f) details relating to the management of exposed areas (e.g. grassing, mulching).</li> </ul>
<p><b>10.</b></p>	<p><b>Chemical Treatment Management Plan (ChTMP)</b></p>

<sup>1</sup> Maseyk, F. J. F., Maron, M., Dutton, G., Maron, M., Possingham, H., Seaton, R., Carlyon, G. & Beveridge, A. (2015). A Biodiversity Offsets Accounting Model for New Zealand - User Manual. The Catalyst Group. Prepared for the Department of Conservation, Hamilton.

	<p>(a) If required, a ChTMP shall be submitted for the certification of the Council. The plan shall include as a minimum:</p> <ul style="list-style-type: none"> <li>(i) Specific design details of the chemical treatment system based on a rainfall activated methodology for the site's sediment retention ponds, decanting earth bunds, and any other impoundment systems;</li> <li>(ii) Monitoring, maintenance (including post storm) and contingency programme (including a record sheet);</li> <li>(iii) Details of optimum dosage (including assumptions);</li> <li>(iv) Results of initial chemical treatment trial;</li> <li>(v) A spill contingency plan; and</li> <li>(vi) Details of the person or bodies that will hold responsibility for long term operation and maintenance of the chemical treatment system and the organisational structure which will support this system.</li> </ul> <p>(b) The ChTMP referred to under Condition 10 above, shall be implemented prior to the start of any earthworks at areas of the site where decanting earth bunds or the sediment retention pond are established.</p>
<b>11.</b>	<p>The sediment retention ponds, decanting earth bunds, and / or other approved impoundment systems must be chemically treated in accordance with the certified Chemical Treatment Management Plan required by condition 10. All measures required by the ChTMP must be put in place prior to commencement of the earthworks activity and be maintained for the duration of the earthworks activity.</p>
<b>During Construction</b>	
<b>12.</b>	<p>Within ten (10) working days following implementation and completion of the specific erosion and sediment control works referred to in the stage specific Erosion and Sediment Control Plans, and prior to the commencement of earthworks activity on the subject site, a Suitably Qualified Person must provide written certification to the Council that the erosion and sediment control measures have been constructed and completed in accordance with the certified plan referred to in that plan. Written certification must be in the form of a report or any other form acceptable to the Council.</p> <p><i>Advice Note: Suitable documentation for certification of erosion and sediment control devices, can be obtained in Appendix C of Guidance Document 005, Erosion and Sediment Control Guide for Land Disturbing Activities in the Auckland Region, June 2016, Incorporating Amendment 1 (GD05): Erosion and Sediment Control construction quality checklists.</i></p>
<b>13.</b>	<p><b>Contaminated Land Management Plan (CLMP)</b></p> <ul style="list-style-type: none"> <li>(a) A Contaminated Land Management Plan (CLMP) shall be prepared prior to the commencement of land disturbance activities associated with the Project.</li> <li>(b) The CLMP shall be informed by a Detailed Site Investigation (DSI) undertaken in general accordance with the <i>Ministry for the Environment Contaminated Land Management Guideline No 5, Site Investigation and Analysis of Soils</i> (revised 2021).</li> <li>(c) The purpose of the CLMP is to set out measures to be implemented to control the discharge of contaminants from land disturbance.</li> <li>(d) The CLMP shall be prepared by a Suitably Qualified Person in accordance with the <i>Ministry for the Environment Contaminated Land Management Guidelines No. 1, Reporting on Contaminated Sites in New Zealand</i> (revised 2021), and shall include: <ul style="list-style-type: none"> <li>(i) Detail of land disturbance activities to be carried out.</li> <li>(ii) Summary of relevant site information and known contaminant conditions.</li> <li>(iii) Completed DSI</li> <li>(iv) Details of the roles and responsibilities (including contact details) for parties involved in the land disturbance activities</li> <li>(v) Summary of health and safety protection measures to be implemented;</li> <li>(vi) identification of specific environmental management procedures including for: <ul style="list-style-type: none"> <li>a. soil and groundwater during disturbance;</li> <li>b. stockpiles (if relevant);</li> <li>c. erosion, sediment, dust and odour; and</li> <li>d. offsite soil transport and disposal, including additional testing as required to confirm disposal to an appropriately licensed facility.</li> <li>e. contingency measures in the event of an accidental discovery (for example asbestos, unknown fill, odour, staining).</li> <li>f. post development controls (if required).</li> </ul> </li> </ul> </li> <li>(e) This CLMP shall also identify: <ul style="list-style-type: none"> <li>(i) locations of contaminated land within the Project area; and</li> <li>(ii) any non-contaminated land, which may be treated as clean fill.</li> </ul> </li> <li>(f) Mana Whenua (via the Mana Whenua Engagement Forum established under the designation conditions) shall be invited to participate in the development of the CLMP and any comments</li> </ul>

	<p>received from Mana Whenua shall be summarised along with a summary of where comments have:</p> <ul style="list-style-type: none"> <li>(i) Been incorporated; and</li> <li>(ii) Where not incorporated, the reasons why.</li> </ul>
14.	<p>The site must be progressively stabilised against erosion throughout the earthworks phase of the project and must be sequenced to minimise the discharge of contaminants to surface water in accordance with the certified, stage specific Erosion and Sediment Control Plans.</p> <p><b>Advice Note:</b> <i>Stabilisation measures may include:</i></p> <ul style="list-style-type: none"> <li>• the use of waterproof covers, geotextiles, or mulching;</li> <li>• top-soiling and grassing of otherwise bare areas of earth;</li> <li>• aggregate or vegetative cover that has obtained a density of more than 80% of a normal pasture sward.</li> </ul> <p><i>It is recommended that you discuss any potential measures with the Council’s monitoring officer who may be able to provide further guidance on the most appropriate approach to take. Alternatively, please refer to Auckland Council Guideline Document 005, Erosion and Sediment Control Guide for Land Disturbing Activities in the Auckland Region, June 2016, Incorporating Amendment 1 (GD05).</i></p>
15.	<p>The operational effectiveness and efficiency of all erosion and sediment control measures specifically required by the stage specific Erosion and Sediment Control Plans required by condition 9, must be maintained throughout the duration of earthworks activity, or until the site is permanently stabilised against erosion. A record of any maintenance work must be kept and be supplied to the Council on request.</p>
16.	<p>Earthworks must be managed to avoid deposition of earth, mud, dirt or other debris on any public road or footpath resulting from earthworks activity on the subject site. In the event that such deposition does occur, it must immediately be removed. In no instance must roads or footpaths be washed down with water without appropriate erosion and sediment control measures in place to prevent contamination of the stormwater drainage system, watercourses or receiving waters.</p>
Advice note	<p><b>Advice Note:</b> <i>In order to prevent sediment laden water entering waterways from the road, the following methods may be adopted to prevent, or address discharges should they occur:</i></p> <ul style="list-style-type: none"> <li>• provision of a stabilised entry and exit(s) point for vehicles</li> <li>• provision of wheel wash facilities</li> <li>• ceasing of vehicle movement until materials are removed</li> <li>• cleaning of road surfaces using street-sweepers</li> <li>• silt and sediment traps</li> <li>• catchpit protection</li> </ul> <p><i>In no circumstances should the washing of deposited materials into drains be advised or otherwise condoned. It is recommended that you discuss any potential measures with the Council’s monitoring officer who may be able to provide further guidance on the most appropriate approach to take. Alternatively, please refer to Auckland Council Guideline Document 005, Erosion and Sediment Control Guide for Land Disturbing Activities in the Auckland Region, June 2016, Incorporating Amendment 1 (GD05).</i></p>
Advice Note	<p><b>Accidental Discoveries</b> <i>Advice Note: The Consent Holder is advised of the requirements of Rule E11.6.1 of the AUP for “Accidental Discovery” as they relate to both contaminated soils and heritage items. The requirements for accidental discoveries of heritage items are set out in Rule E11.6.1 of the AUP [and in the Waka Kotahi Minimum Standard P45 Accidental Archaeological Discovery Specification, or any subsequent version]</i></p>
<b>Completion</b>	
17.	<p><b>Earthworks - Completion or Abandonment of Works</b></p> <p>Immediately upon completion or abandonment of earthworks on the subject site, all areas of bare earth associated with the works must be permanently stabilised against erosion to the satisfaction of the Council.</p>
Advice note	<p><b>Advice Note:</b> <i>Stabilisation Measures may include:</i></p> <ul style="list-style-type: none"> <li>• The use of mulching or natural fibre matting.</li> <li>• Top-soiling, grassing and mulching of otherwise bare areas of earth.</li> </ul>



	<ul style="list-style-type: none"> <li>Aggregate or vegetative cover that has obtained a density of more than 80% of a normal pasture sward.</li> </ul> <p><i>The on-going monitoring of these measures is the responsibility of the consent holder. It is recommended that you discuss any potential measures with the Council's monitoring officer who will guide you on the most appropriate approach to take. Alternatively, please refer to Auckland Council, Auckland Council Guidance Document 005, Erosion and Sediment Control Guide for Land Disturbing Activities in the Auckland Region, June 2016, Incorporating Amendment 1 (GD05).</i></p>
<p><b>18.</b></p>	<p><b>Post Land Disturbance Works – Contaminated Land</b></p> <p>(a) Within three months of the completion of land disturbance associated with the Project, a Works Completion Report (WCR) relating to the management of contaminated land as required by condition 13 shall be submitted to the Council. The WCR shall be prepared by a Suitably Qualified Person and shall include the following:</p> <ul style="list-style-type: none"> <li>(i) A summary of land disturbance works undertaken, including the location and dimensions of the excavations carried out and the volume of soil excavated;</li> <li>(ii) Details and results of any soil testing completed in association with the land disturbance activities;</li> <li>(iii) Records/evidence of the appropriate disposal for any soil material removed from the site; and</li> </ul> <p>Records of any unexpected contamination encountered during the works and response actions, if applicable.</p>

## Proposed Consent Condition Schedules

### Schedule 1: Indicative Wetland Offset Plan

