

Volume 2D: Proposed Resource Consent Conditions (April 2026 – updated construction consent conditions and associated schedules)

The proposed conditions are grouped into two parts:

- **Part A** – Regional resource consents that would otherwise be applied for under sections 9, 13, 14 and 15 of the Resource Management Act 1991,
- **Part B** – Resource consent that would otherwise be applied for under Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011.

Part A: Regional resource consents

The table below identifies the resource consents required by the Consent Holder (NZTA) to construct, operate and maintain the *State Highway 1 North Canterbury—Woodend Bypass Project (Belfast to Pegasus)*. The table identifies the scope of the consents and durations sought.

Ref	Consent type and scope	Duration
Construction phase		
C1	Land use consent (earthworks) Land disturbance, earthworks, and vegetation planting and removal: (a) Over an aquifer, (b) Within 10 metres of a water body, and (c) Within 10 metres of a Wetland (including partial or total removal of a Wetland).	20 years
C2	Land use consent (river and lake beds) Activities in, on, under and over the beds of rivers and lakes, including: (a) Alter the Kaiapoi River Bridge (where not authorised by Early Works), (b) Alter the Cam River / Ruataniwha Bridge, (c) Construct new bridge over the Cam River / Ruataniwha, (d) Reclaim Quarry Lakes (where not authorised by Early Works), (e) Partially realign and reclaim Waihora Stream, Taranaki Stream, and the Taranaki Stream tributary, (f) Install permanent culverts in McIntosh Drain, Waihora Stream, Taranaki Stream, Taranaki Stream tributary, and Wilsons Drain, (g) Install stormwater outfalls and erosion protection and discharge structures in Watercourses,	20 years

Ref	Consent type and scope	Duration
	(h) Install temporary structures for erosion and sediment control and water management in Watercourses during construction, and (i) Restoration, planting, and enhancement activities.	
C3	Water permit (a) Take and use ground and surface water (including for dust suppression and vegetation planting), (b) Dewater ground and surface water, and (c) Dam and divert surface water within Watercourses.	20 years
C4	Discharge permit Discharge water and contaminants (including concrete and sediment) to land and water, and discharge dust to air.	20 years
Operations and maintenance phase		
O1	Land use consent (river beds) Use and maintain permanent culverts in McIntosh Drain, Waihora Stream, Taranaki Stream, Taranaki Stream tributary, and Wilsons Drain.	35 years
O2	Water permit (a) Incidental takes of shallow ground water via vegetation planting, constructed wetlands, and the drainage and stormwater management system, and (b) Permanently divert Taranaki Stream, Taranaki Stream tributary, and Waihora Stream.	35 years
O3	Discharge permit (a) Discharge stormwater generated from new and existing roading, structures, hard standing and pervious areas, and (b) Discharge groundwater intercepted by the inverts of the stormwater management system.	35 years

Definitions and terms used in resource consents

Abbreviation/term	Meaning
Act	Resource Management Act 1991

Abbreviation/term	Meaning
<u>Active remediation</u>	<u>The requirement to address unacceptable concentrations of contaminants due to risks to the environment that would not otherwise be addressed through construction works.</u>
Application	<i>“State Highway 1 North Canterbury—Woodend Bypass Project (Belfast To Pegasus): Substantive Application under the Fast-track Approvals Act 2024”</i> submitted to the Environmental Protection Authority in October 2025
CAQMP	Construction Air Quality Management Plan
CEMP	Construction Environmental Management Plan
CLWRP	Canterbury Land and Water Regional Plan
CSMP	Contaminated Sites Management Plan
Commencement of Construction Works	The time when Construction Works for the Project (or the relevant part of the Project), excluding Enabling Works, commence.
Completion of Construction Works	The time when Construction Works for the Project (or the relevant part of the Project) is complete and is available for use.
Consent Holder	NZ Transport Agency Waka Kotahi
Construction Works	Those works necessary to construct and establish the Project, including: a) land disturbance and vegetation removal b) bulk earthworks (including cut and fill activities) c) ground improvement works d) establishment of structures and features including bridges, culverts, drainage, stormwater treatment and disposal systems, and noise mitigation e) temporary construction yards, buildings, and laydown areas f) temporary haul roads, access points, and traffic management g) temporary drainage and erosion and sediment control measures h) landscaping and planting i) pavements and surfacing j) road furniture and ancillary works, and k) site reinstatement and rehabilitation activities.

Abbreviation/term	Meaning
CRC	Canterbury Regional Council (Environment Canterbury) Attention: Regional Leader – Compliance Monitoring (via ECanInfo@ECan.govt.nz)
Designation	The designation for the Project in the Waimakariri District Plan, inclusive of any alterations under section 181 of the RMA.
Early Works	Those works authorised under CRC261034, CRC230304, CRC230305, CRC230306, CRC230307 and RC255072 (in relation to the Kaiapoi Bridge strengthening and quarry lakes partial reclamation).
EMP	Ecological Management Plan
Enabling Works	Those works preceding and supporting Construction Works, including: a) geotechnical, land, or archaeological investigations (including related access formation); b) protection and relocation of utilities and services; c) establishment of construction yards, laydown areas, offices, and fencing (including related access formation); d) establishment of erosion and sediment control measures.
ESCMP	Erosion and Sediment Control Management Plan
FTAA	Fast-track Approvals Act 2024
HAIL	Hazardous Activities and Industries List
Natural Inland Wetland	Has the same meaning as defined in the National Policy Statement for Freshwater Management 2020
NES-F	Resource Management (National Environmental Standards for Freshwater) Regulations 2020
NZFPF	New Zealand Fish Passage Guidelines (Version 2.0, June 2024)
Project	State Highway 1 North Canterbury – Woodend Bypass Project (Belfast to Pegasus) (the construction, operation, and maintenance thereof)
SAQRA	Sensitive Air Quality Receptor Activity, which means an activity undertaken in: a) the area within 20 metres of the façade of an occupied dwelling; or b) a residential area or zone as defined in a district plan; or

Abbreviation/term	Meaning
	c) a public amenity area, including those parts of any building and associated outdoor areas normally available for use by the general public, excluding any areas used for services or access areas; or d) a place, outside of the Coastal Marine Area, of public assembly for recreation, education, worship, culture or deliberation purposes.
Site	The land contained within the area delineated as “Project Site” in Volume 4C of the Application.
SQP	Suitably Qualified Person: A person (or persons) who is competent and experienced in the field of expertise that is relevant to a particular task or action directed by a condition.
TSS	Total Suspended Solids
Watercourse	The main stem and tributaries of the Kaiapoi River, Wilsons Drain, Cam River / Ruataniwha, Waihora Stream, Taranaki Stream, and McIntosh Drain. A Watercourse does not include an artificial watercourse, drain, an overland flow path, a Wetland, or a Natural Inland Wetland.
Wetland	Includes permanently or intermittently wet areas, shallow water, and land water margins that support a natural ecosystem of plants and animals that are adapted to wet conditions (for the purposes of this definition in these resource consents, Wetland include a Natural Inland Wetland).
WDC	Waimakariri District Council
Whitiora	Whitiora Centre Limited: Mandated by Te Ngāi Tūāhuriri Rūnanga in relation to relevant conditions of these resource consents.
Working Day	A day of the week other than— (a) a Saturday, a Sunday, Waitangi Day, Good Friday, Easter Monday, Anzac Day, the Sovereign’s birthday, Te Rā Aro ki a Matariki/Matariki Observance Day, and Labour Day; and (b) if Waitangi Day or Anzac Day falls on a Saturday or a Sunday, the following Monday; and (c) a day in the period commencing on 20 December in any year and ending with 10 January in the following year.

C1 - Land use consent (earthworks)

Ref	Condition	Summary of ECan comments	Proposed changes / comments
General			
		Please ensure that limits are defined which is the description of the activity. This should also include plans showing the area(s) in which the activity is to take place. Description of the limits for the consent to be included at the start of the consent to make it clear what is being authorised. If there are multiple activities to be defined can use a), b), c)... etc. Description of the location in which the works are to occur and a plan which shows the extent of the project area (this could be the Cross Sections as listed in the general conditions).	New condition <u>The works authorised by this resource consent are limited to earthworks (including excavation and deposition), land disturbance and vegetation clearance:</u> (a) <u>Over an aquifer</u> (b) <u>Within 10 metres of a waterbody</u> (c) <u>Within 10 metres of a wetland (including complete and partial removal of a wetland)</u> <u>associated with the State Highway 1 North Canterbury – Woodend Bypass Project, from approximately xxx (map reference: xxx) to approximately xxxx (map reference:xxx).</u>
		The maximum depth of excavation for the works authorised by this resource consent must not exceed [XXX] metres below ground level. Advice Note: <i>It will be up to the Consent Holder to demonstrate compliance with the maximum excavation depth. This can be done, for example, via reference to a specified datum and reduced levels from that datum or via site specific survey points or other measurements.</i>	No change <i>There are a range of earthwork activities proposed, including ground improvements at depth. A maximum depth isn't directly connected to an effect.</i>
		Excavation works must not be carried out within the exposed water table during times when	No change <i>Excavation for ground improvement will occur within shallow groundwater and may penetrate deeper aquifers. The Hydrogeology</i>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
		groundwater levels are higher than the deepest part of the excavations. Advice Note: Dewatering of excavations is authorised under Resource Consents CRC##### (water permit) and CRC##### (discharge permit).	<i>Assessment notes there may be temporary effects of ground improvement including mixing of aquifers and impacts on groundwater quality, but these effects are very localised and impacts to surface waters, wetlands and bore users is assessed as low/negligible.</i>
C1.1	This resource consent shall lapse 10 years from the date of commencement under section 97 of the FTAA, unless it is given effect to by that date.	Move lapse date to end. Suggested wording – This resource consent is not exercised before [end of quarter five years from granting], it lapses in accordance with Section 125 of the Resource Management Act 1991. Advice Note: ‘Exercised’ is defined as implementing any requirements to operate this resource consent and undertaking the activity as described in these conditions and/or application documents.	No changes <i>Retain 10 year lapse date but can reorder condition to end of consent</i>
C1.2	This resource consent shall expire 20 years from the date of commencement under section 97 of the FTAA.		
C1.3	The activities authorised by this resource consent shall comply with the conditions in Schedule 1 of this resource consent.	These should sit inside the individual consents once the condition set is final.	No change <i>Verbal advice from ECan is that they have no fixed position whether schedules 1 and 2 are incorporated into the individual consents or stay where they are, but in ECan’s experience, recent panel decision have replaced schedules with conditions on each consent.</i> <i>Retain schedules as drafted unless/until panel directs otherwise</i>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
Erosion and sediment control			
C1.4	All Construction Works shall be carried out in accordance with the ESCMP prepared and certified in accordance with conditions MP.1-MP.5 and MP.10 in Schedule 2 of this resource consent.	Relevant management plan conditions should sit within each consent.	No change <i>Retain schedules as drafted unless/until panel directs otherwise</i>
C1.5	All Construction Works within 10 metres of a Watercourse or Wetland shall be carried out: (a) In accordance with the EMP prepared and certified in accordance with conditions MP.1-MP.5 and MP.7-MP.8 in Schedule 2 of this resource consent. (b) In accordance with the conditions in Schedule 3 of this resource consent.		
		In addition to the measures already proposed, sediment discharges should be minimised and managed, with monitoring and mitigation to avoid adverse effects during construction.	New condition <u>The Consent Holder shall take all practicable measures to:</u> (a) <u>minimise soil erosion;</u> (b) <u>Avoid stockpiling in a position where it may enter a Watercourse or Wetland.</u>
		In addition to the measures already proposed, sediment discharges should be minimised and managed, with monitoring and mitigation to avoid adverse effects during construction.	New condition <u>Erosion and sediment control measures shall be inspected at least once per Working Day, as well as following any rainfall event that results in more than five millimetres of rainfall at the site. Any accumulated sediment shall be removed, and repairs made, as necessary, to ensure effective functioning of devices. Records of any</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
			<u>inspections shall be kept and provided to the Canterbury Regional Council on request.</u>
		Conditions should include a maximum area of site that is exposed at once and a limit on time before the site is stabilised/revegetated once works are complete.	No change <i>The conditions already address stabilisation and staging in a way that is more appropriate for a linear project than a maximum exposed area cap. C1.7 requires progressive stabilisation and stabilisation of bulk earthworks not actively worked within two weeks. C1.9 requires permanent stabilisation of bare earth upon completion/abandonment. MP.10 requires the ESCP to include a construction timetable for installation of erosion and sediment controls and soil disturbance activities, which provides the staging/sequencing framework to manage exposed areas.</i>
C1.6	Prior to any Construction Works within 10 metres of a Watercourse or Wetland, all erosion and sediment controls shall be in place and subsequently maintained in working order at all times until works and stabilisation of that area is complete. For the avoidance of doubt, erosion and sediment controls may be placed within 10 metres of a Watercourse or Wetland.	Condition around notifying ECan prior to commencement with a pre-construction meeting to be held would be beneficial.	No change <i>Requirement for pre commencement notification and meeting already specified in G.C.2</i>
C1.7	The Site shall be stabilised and/or revegetated to minimise erosion as soon as practicable, and in a progressive manner, as works are finished over various areas of the Site. Areas of bulk earthworks not actively worked for a period of two weeks shall be stabilised until such time as further earthworks occur in a specific area.		

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C1.8	There shall be no deposition of earth, mud or other debris on any public road or footpath beyond the boundary of the Site resulting from activities authorised by this resource consent. In the event that such deposition does occur, it shall immediately (within 48 hours) be removed. Public roads or footpaths shall not be washed down with water unless appropriate erosion and sediment control measures are in place to prevent contamination of the stormwater drainage system or receiving waters.	Standard condition for vehicle tracking Tracking of material off-site during the works must be avoided at all times. In the event that material is tracked off-site, the tracked material must be removed as soon as practicable.	Amend condition <i>Replace with ECan's standard condition.</i> <u>Tracking of material off-site during the works must be avoided at all times.</u> <u>In the event that material is tracked off-site, the tracked material must be removed as soon as practicable.</u> There shall be no deposition of earth, mud or other debris on any public road or footpath beyond the boundary of the Site resulting from activities authorised by this resource consent. In the event that such deposition does occur, it shall immediately (within 48 hours) be removed. Public roads or footpaths shall not be washed down with water unless appropriate erosion and sediment control measures are in place to prevent contamination of the stormwater drainage system or receiving waters.
C1.9	Upon completion or abandonment of any earthworks on the Site all areas of bare earth shall be permanently stabilised using grass or other landscaping to minimise erosion.	Conditions should include a maximum area of site that is exposed at once and a limit on time before the site is stabilised/revegetated once works are complete.	Amend condition Upon <u>Within twenty working days of</u> completion or abandonment of any earthworks on the Site all areas of bare earth shall be permanently stabilised using grass or other landscaping to minimise erosion.
C1.10	Any disturbance of wetland catchments soils and landforms during Construction Works, but which are not required for operational infrastructure, shall be rehabilitated to the extent practicable so		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	that surface water flow into Wetland catchments is not substantially altered once Construction Works are complete.		
Contaminated material			
C1.11	All Construction Works shall be carried out in accordance with the CSMP prepared and certified in accordance with conditions MP.1-MP.5 and MP.12 in Schedule 2 of this resource consent.		
		The contaminated land investigation assesses contamination presence at two HAIL sites in the roading corridor, the sheep dip Area A and the former DJ Elder Blackcurrant orchard. The investigation does not include multiple other HAIL or potential HAIL sites including the landfill at 162 Gladstone Rd, and investigation of these is proposed prior to construction. This investigation is essential, and the investigation reports should be supplied for review to ensure their sufficiency.	New condition <i>Duplicate of NES-CS.3 as requested by ECan at meeting of 23 March 2026.</i> <u>The further investigation requirements outlined in the Ground Contamination Investigation Report for potential HAIL sites which have not yet been investigated (Volume 3F of the Application) shall be completed prior to earthworks commencing in the respective area. Investigation works shall be completed by a SQP in accordance with Contaminated Land Management Guidelines No.5: Site Investigation and Analysis of Soil.</u> <u>The consent holder shall prepare a Detailed Site Investigation report (DSI) for each site identified as requiring a DSI in accordance with the Contaminated Land Management Guidelines No. 1: Reporting on Contaminated Sites in New Zealand. The purpose of the DSI report is to confirm the level of contamination at the potential HAIL</u>

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			<u>sites and to assess and recommend what measures are required to manage contamination at those sites.</u> <u>The DSI shall be provided to Canterbury Regional Council, Attn Compliance Manager within two months of completion of the earthworks in the area to which the DSI applies.</u>
		Suggested condition At least 15 working days prior to the commencement of works to remediate contaminated land, the Consent Holder must submit a Remedial Action Plan (RAP) to Canterbury Regional Council, Attention: Compliance Manager for certification that it complies with the conditions of this consent.	New condition <i>The draft CSMP includes a process for assessment of remediation options should significant contamination be identified during work, including development of a RAP for certification by ECan and WDC. Separate resource consent may be required to authorise remediation works if there is an ongoing passive discharge of contaminants.</i> (a) <u>Where contamination is identified at concentrations requiring active remediation works in accordance with MP.12. (j), remediation works shall be undertaken in accordance with a site-specific Remedial Action Plan (RAP) certified in accordance with conditions MP.1-MP.5 and MP.13 in Schedule 2 of this resource consent.</u>
		Suggested condition Within XX months of the completion of the remedial works required under Condition (XX), a	New condition <i>The draft CSMP includes a process for reporting on remediation outcomes. The</i>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
		Site Validation Report must be prepared by a suitably qualified and experienced practitioner in accordance with the Ministry for Environment's <i>Contaminated Land Management Guidelines No 1 - Reporting on Contaminated Sites in New Zealand</i> and provided to Canterbury Regional Council, Attention: Compliance Manager (via ecinfo@ecan.govt.nz) and Attention: Team Leader – Environmental Science and Hazards (via Contaminated.Land@ecan.govt.nz). The Site Validation Report must include, but not be limited to, the following information: - Details about any unexpected discovery of contaminated soils or materials; - Details about any significant events such as significant rainfall during the site and/or remedial works required as a result of such events; - The site / area has been remediated to the soil contaminant standards for the proposed end use / background concentrations. - The site / area has been capped. - Demonstration that the final state of the site complies with the requirements under this resource consent; and - Evidence of the fate of material removed from the site.	<i>standard condition is largely acceptable but has been amended to reflect that remediation options are not limited to removal of contaminated materials.</i> <u>Within 2 months of the completion of any remediation works required under C1,X a Site Validation Report (SVR) must be prepared by a SQP in accordance with the Ministry for Environment's <i>Contaminated Land Management Guidelines No 1 - Reporting on Contaminated Sites in New Zealand</i> to validate whether the objectives of the RAP have been achieved.</u> <u>The SVR must be provided to Canterbury Regional Council, Attention: Compliance Manager (via ecinfo@ecan.govt.nz).</u> <u>The SVR must include the following information:</u> <u>Summary of remediation works undertaken.</u> <u>Confirmation the remediation objectives and targets have been successfully achieved, including validation sampling (if required) or documentation of validation methodologies.</u> <u>Details of any ongoing site management where contamination remains in place.</u> <u>Evidence of the fate of material removed from the site.</u>

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C1.12	Any material imported from beyond the Site boundaries, and subsequently deposited on the Site, must be virgin excavated natural material such as clay, soil and rock that is free of combustible, putrescible, degradable or leachable components, and that when discharged to the environment, will not have a detectable effect relative to the background.	Conditions offered by NZTA that impose defined limits are beneficial, as they clarify the parameters within which the project will operate.	No change
C1.13	Soil derived from the Site during Construction Works may be reused within the Site providing: (a) Where used within 20 metres of a Watercourse or Wetland: mean concentrations must not exceed the lower of the Australian and New Zealand Guidelines for Fresh and Marine Water Quality: Toxicant default guideline values for sediment quality and leaching to water criteria derived for a Class 4 fill facility set out in Table C-3 of the Waste Management Institute of New Zealand Technical Guidelines for Disposal to Land Revision 3.1 September 2023. (b) Used elsewhere within the Site: mean concentrations must not exceed Leaching to water criteria derived for a Class 4 fill facility set out in Table C-3 of the Waste Management Institute of New Zealand Technical Guidelines for Disposal to Land Revision 3.1 September 2023. (c) Where containing asbestos: Soils that contain asbestos but otherwise comply with C1.13(a) or C1.13(b) may be retained or reused on Site providing:	Conditions offered by NZTA that impose defined limits are beneficial, as they clarify the parameters within which the project will operate. Some further comment from our contaminated land expert as per below 'Use of mean concentrations might be quite difficult for compliance. Recommend that the class four adopted values from Table C-3, WastMNIZ 2023 are used where there is no additional mitigation, in line with my technical advice. These higher values that are proposed here (leaching to water values) might be appropriate at other areas of the site.'	Amend condition <i>Agree to disagree: The Class 4 LEACHING TO WATER criteria is considered appropriate for soil reuse and management of soils meeting this criteria is not considered necessary (even where these are above the Class 4 ADOPTED criteria).</i> <i>The use of Class 4 'adopted' values are not considered appropriate as they are driven by either human health criteria (rural residential with 25% produce consumption) or ecological criteria, neither of which are drivers for this site. Of the contaminants listed in Table C3 only the adopted value for chromium is relevant (based on ANZG).</i> <i>The proposed use of mean data is considered appropriate and manageable providing there is tight control on material stockpiling, mixing and reuse. These matters are specified in the CSMP. It is understood ECan is in agreement that a mean value is</i>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	i. Controls to minimise risk to human health are implemented during earthworks handling and stockpiling. ii. Asbestos is appropriately encapsulated and contained. iii. Are subject to long term management controls.		<i>acceptable rather than maximum, provided a robust sampling methodology.</i> <i>The following amendments have been developed to restrict the reuse of materials within stormwater infrastructure and provide clarity on the protection of human health associated with soil reuse for alignment with NES-CS.</i> Soil derived from the Site during Construction Works may be reused within the Site providing: (x) <u>Soil derived from HAIL sites is not used within stormwater infrastructure; and</u> a. Where used within 20 metres of a Watercourse or Wetland, mean concentrations must not exceed the lower of: i. the Australian and New Zealand Guidelines for Fresh and Marine Water Quality: Toxicant default guideline values for sediment quality; and ii. <u>Soil Contaminant standards for Commercial/ Industrial Land Use set out in the Ministry for the Environment Users Guide – National Environmental Standard for Assessing and Managing Contaminants in Soil to</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
			<u>Protect Human Health (April 2012); and</u> iii. Leaching to water criteria derived for a Class 4 fill facility set out in Table C-3 of the Waste Management Institute of New Zealand Technical Guidelines for Disposal to Land Revision 3.1 September 2023. b. Used elsewhere within the Site, mean concentrations must not exceed the lower of: i. <u>Soil Contaminant standards for Commercial/ Industrial Land Use set out in the Ministry for the Environment Users Guide – National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health (April 2012); and</u> ii. Leaching to water criteria derived for a Class 4 fill facility set out in Table C-3 of the Waste Management Institute of New Zealand Technical Guidelines for Disposal to Land Revision 3.1 September 2023. c. Where containing asbestos: Soils that contain asbestos but otherwise comply with C1.13(b) or C1.13(c)

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			may be retained or reused on Site providing: i. Controls to minimise risk to human health are implemented during earthworks handling and stockpiling. ii. Asbestos is appropriately encapsulated and contained. iii. Are subject to long term management controls.
C1.14	(a) In the event that temporary stockpiling of suspected contaminated or contaminated material is required, then those activities must be managed as below: i. Stockpiled material must be kept separate from all other stockpiles on the Site; ii. Stockpiled material must be placed on polythene sheeting or similar impervious material to prevent contamination of underlying material; iii. Stockpiled material must include a perimeter bund or berm installed to prevent runoff leaving the area and stormwater from other areas entering the stockpile area; iv. Stockpiled material must be covered or dampened during dry and windy conditions so as to prevent wind erosion; and	Condition offered by NZTA that demonstrates the proposed mitigation. Suggest clause (b) is an advice note.	Amend condition <i>Condition amended so Clause (b) is a condition.</i> (a) In the event that temporary stockpiling of suspected contaminated or contaminated material is required, then those activities must be managed as below: i. Stockpiled material must be kept separate from all other stockpiles on the Site; ii. Stockpiled material must be placed on polythene sheeting or similar impervious material to prevent contamination of underlying material; iii. Stockpiled material must include a perimeter bund or berm installed to prevent runoff leaving the area

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	v. If any rainfall is forecasted that has the potential to cause runoff from the stockpiles, or if the stockpiles are left overnight, over the weekend or over public holidays, the stockpiled material must be covered with plastic sheeting or a suitable material such as clean topsoil, or otherwise stabilised, to prevent stormwater runoff coming into contact with contaminated material. (b) For the purposes of clause (a), temporary stockpiling means material being stockpiled for no longer than the overall construction period or the stage of construction if construction occurs in stages, whichever is the shorter period, and only for as long as reasonably necessary.		and stormwater from other areas entering the stockpile area; iv. Stockpiled material must be covered or dampened during dry and windy conditions so as to prevent wind erosion; and v. If any rainfall is forecasted that has the potential to cause runoff from the stockpiles, or if the stockpiles are left overnight, over the weekend or over public holidays, the stockpiled material must be covered with plastic sheeting or a suitable material such as clean topsoil, or otherwise stabilised, to prevent stormwater runoff coming into contact with contaminated material. (b) For the purposes of Any temporary stockpiling undertaken in accordance with clause (a), temporary stockpiling means material being stockpiled for <u>must not longer than exceed</u> the overall construction period or the stage of construction if construction occurs in stages, whichever is the shorter period, and <u>must only occur</u> for as long as reasonably necessary.
		Accidental discovery condition necessary	New condition <u>In the event that any contaminated soil or material outside expected contamination conditions documented in the CSMP is uncovered by the Construction Works, the</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
			<u>contamination discovery protocol prescribed in the CSMP must be implemented, including but not limited to the following steps:</u> (a) <u>Earthworks within ten metres of discovered contaminant soil or material must cease immediately;</u> (b) <u>All practicable steps must be taken to prevent the contaminated material becoming entrained in stormwater. Immediate steps must include, where practicable:</u> (i) <u>Diverting any stormwater runoff from surrounding areas away from the contaminated material; and</u> (ii) <u>Minimising the exposure of the contaminated material, including covering the contaminants with an impervious cover;</u> (c) <u>Notification of the Canterbury Regional Council, Attention: Contaminated Sites Manager (via contaminated.land@ecan.govt.nz), within 24 hours of the discovery;</u> (d) <u>Earthworks within ten metres of discovered contaminant soil or material must not recommence until a suitably qualified and experienced practitioner (SQP) in contaminated land confirms to Canterbury Regional Council, Attention:</u>

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			<u>Regional Leader - Compliance Monitoring, that continuing works does not represent a significant risk to the environment; and</u> (e) <u>All records and documentation associated with the discovery must be kept and copies must be provided to the Canterbury Regional Council upon request.</u>
		Works completion report needed	New condition <i>Duplicate of NES-CS.5 as requested by ECan at meeting of 23 March 2026.</i> <u>Within 2 months of the completion of the soil disturbance authorised under this resource consent (or if relevant, within 2 months of completion of the soil disturbance of a Project stage), the Consent Holder shall provide a Works Completion Report to Canterbury Regional Council, Attention: Compliance Manager (via ecinfo@ecan.govt.nz).</u> <u>The purpose of the Works Completion Report is to demonstrate that the works were carried out in accordance with the requirements of the CSMP.</u> <u>The report shall be prepared by a SQP. The Works Completion Report shall include:</u>

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			(a) <u>A summary of the works undertaken, including dates of commencement and completion;</u> (b) <u>Details of any unexpected contamination encountered during the works and the response to such findings;</u> (c) <u>A summary of all soil sampling and analysis results, including comparison with relevant soil contaminant standards;</u> (d) <u>Records of soil disposal, including volumes, destinations, and waste acceptance documentation for any soil removed from the site;</u> (e) <u>Confirmation that the site is suitable for the intended use (or otherwise specify any ongoing management requirements);</u> (f) <u>Any recommendations for further monitoring, remediation, or site management if applicable;</u> (g) <u>Photographic evidence of the works undertaken.</u> (h) <u>If remedial actions were undertaken, the Works Completion Report shall summarise the remediation works undertaken and validated.</u>
Excavations, piling and drilling			
C1.15	All Construction Works shall be carried out in accordance with the GMP prepared and certified		

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	in accordance with conditions MP.1-MP.5 and MP.11 in Schedule 2 of this resource consent.		
C1.16	During piling, all aquifers or water-permeable zones of differing pressure, water quality, or temperature shall be sealed to prevent the direct interconnection or movement of groundwater between aquifers or water permeable zones.	Should reference GMP	No change <i>Piling is already required to comply with the GMP as per C1.15</i>
C1.17	The top of any dewatering bore when temporarily not in use shall be covered or capped to prevent contaminants entering the bore and underlying groundwater.		
C1.18	On completion of use, temporary bores shall be removed and sealed (with bentonite or reinstated with comparable materials) to prevent potential water wastage or contamination of groundwater.		
Hazardous substance storage and use			
C1.19	(a) Refuelling of machinery and vehicles must not occur within 20 metres of: (i) A Watercourse or Wetland; (ii) Open excavations; (iii) Exposed groundwater; and (iv) Stormwater devices. (b) At all times a spill kit must be kept on Site that is capable of absorbing the quantity of oil and petroleum products that may be spilt on Site at any one time; (c) In the event of a spill of fuel or any other hazardous substance, the spill must be cleaned up as soon as practicable, the stormwater system must be inspected and		Amend condition <i>The Hydrogeology Assessment states that hazardous substances will not be stored within a CDWPZ. Storage within a CDWPZ or 20m of a watercourse would trigger consent which we have not applied for. Add new subclause to condition</i> <u>(x) Hazardous substances must not be stored within:</u> <u>(i) 20 m of a watercourse, wetland or bore.</u> <u>(ii) a Community Drinking Water Protection Zone.</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	cleaned, and measures taken to prevent a recurrence; (d) The CRC must be informed within 24 hours of a spill event exceeding five litres and the following information provided: (i) The date, time, location and estimated volume of the spill; (ii) The cause of the spill; (iii) The type of hazardous substance(s) spilled; (iv) Clean up procedures undertaken; (v) Details of the steps taken to control and remediate the effects of the spill on the receiving environment; (vi) An assessment of any potential effects of the spill; and (vii) Measures to be undertaken to prevent a recurrence.		

C2 – Land use consent (river and lake beds)

Ref	Condition	Summary of ECan comments	Proposed changes / comments
General			
C2.1	This resource consent shall lapse 10 years from the date of commencement under section 97 of the FTAA, unless it is given effect to by that date.		
C2.2	This resource consent shall expire 20 years from the date of commencement under section 97 of the FTAA.		
C2.3	The activities authorised by this resource consent shall comply with the conditions in Schedule 1 of this resource consent.		
		Please ensure that limits are defined which is the description of the activity. This should also include plans showing the area(s) in which the activity is to take place. Description of the limits for the consent to be included at the start of the consent to make it clear what is being authorised. If there are multiple activities to be defined can use a), b), c)... etc. Description of the location in which the works are to occur and a plan which shows the extent of the project area (this could be the Cross Sections as listed in the general conditions).	New condition <u>The works authorised by this resource consent are limited to activities in, on, under and over the beds of rivers and lakes, including:</u> (a) <u>Alter the Kaiapoi River Bridge (where not authorised by Early Works).</u> (b) <u>Alter the Cam River / Ruataniwha Bridge.</u> (c) <u>Construct new bridge over the Cam River / Ruataniwha.</u> (d) <u>Reclaim Quarry Lakes (where not authorised by Early Works).</u> (e) <u>Partially realign and reclaim Waihora Stream, Taranaki Stream, and the Taranaki Stream tributary.</u> (f) <u>Install permanent culverts in McIntosh Drain, Waihora Stream, Taranaki Stream, Taranaki Stream tributary, and Wilsons Drain.</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
			(g) <u>Install stormwater outfalls and erosion protection and discharge structures in Watercourses.</u> (h) <u>Install temporary structures for erosion and sediment control and water management in Watercourses during construction, and</u> (i) <u>Restoration, planting, and enhancement activities.</u> <u>associated with the State Highway 1 North Canterbury – Woodend Bypass Project, from approximately xxx (map reference: xxx) to approximately xxxx (map reference:xxx).</u>
		Ecan standard condition set	New condition <u>To prevent the spread of pest species, including but not limited to Didymo, the consent holder shall ensure that activities authorised by this consent are undertaken in accordance with the Biosecurity New Zealand’s hygiene procedures and that machinery shall be free of plants and plant seeds prior to use in the quarry lakes.</u>
C2.4	All Construction Works within the bed of a Watercourse shall be undertaken in accordance with the: (a) EMP prepared and certified in accordance with conditions MP.1-MP.5 and MP.7-MP.8 in Schedule 2 of this resource consent; and (b) Conditions in Schedule 3 of this resource consent.		Amend condition All Construction Works within the bed of a Watercourse shall be undertaken in accordance with the: (a) EMP prepared and certified in accordance with conditions MP.1-MP.5 and MP.7-MP.8 in Schedule 2 of this resource consent; and

Ref	Condition	Summary of ECan comments	Proposed changes / comments
			(b)Conditions in Schedule 3 of this resource consent. And (c) ESCMP prepared and certified in accordance with conditions MP.1-MP.5 and MP.10 in Schedule 2 of this resource consent
Temporary structures			
C2.5	All temporary bridges and culverts in and over Watercourses shall be removed as soon as practicable at the Completion of the Construction Works and, to the extent practicable, the morphology of the Watercourse (including depth, width, gradient pattern, substrate and bank form) shall be reinstated to what it was prior to installation of the temporary bridge or culvert.		
			New condition <u>Any temporary bridges and culverts within flowing water shall:</u> (a) <u>Not result in the stranding of fish;</u> (b) <u>Where in place for longer than 48 hours, shall provide fish passage where practicable in accordance with the EMP.</u>
Permanent structure design			
C2.6	The new bridge over the Cam River / Ruataniwha shall not reduce the width of the river bed and flood carrying capacity of the Cam River / Ruataniwha relative to the existing State Highway 1 bridge.		
C2.7	The Consent Holder shall appoint a SQP to design new permanent culverts in Watercourses. The culverts shall be designed and constructed to		

Ref	Condition	Summary of ECan comments	Proposed changes / comments												
	achieve, where practicable, the following outcomes: (a) Maintenance of the existing stream geometry (plan form and section) and natural geomorphology of the Watercourse; (b) Inclusion of scour protection where required; (c) Inclusion of a low flow channel to maintain water depth during low flows; (d) Creation of pool, riffle and run sequences; (e) Incorporation of instream woody habitat features; (f) Utilisation of existing natural materials such as rocks, woody debris from the existing Watercourse (where present); and (g) Incorporation of a planted flood plain terrace.														
C2.8	(a) Fish passage shall be provided through the following new permanent culverts, when each culvert is lived, in general accordance with regulation 70 of the NES-F and informed by NZFPG. <table><tr><th>Stream</th><th>Culvert location</th></tr><tr><td>McIntosh Drain</td><td>South of Fullers Road</td></tr><tr><td>Waihora Stream</td><td>State Highway 1</td></tr><tr><td>Taranaki Stream</td><td>Bob Robertson Drive</td></tr><tr><td>Taranaki Stream</td><td>Pegasus Interchange</td></tr><tr><td>Wilson's Drain</td><td>South of Cam River / Ruataniwha</td></tr></table>	Stream	Culvert location	McIntosh Drain	South of Fullers Road	Waihora Stream	State Highway 1	Taranaki Stream	Bob Robertson Drive	Taranaki Stream	Pegasus Interchange	Wilson's Drain	South of Cam River / Ruataniwha		Amend condition <i>The culverts do not comply with NES F Reg 70 and therefore are not in general accordance with the regulation</i> Fish passage shall be provided through the following new permanent culverts, when each culvert is lived, in general accordance with regulation 70 of the NES-F and informed by NZFPG.
Stream	Culvert location														
McIntosh Drain	South of Fullers Road														
Waihora Stream	State Highway 1														
Taranaki Stream	Bob Robertson Drive														
Taranaki Stream	Pegasus Interchange														
Wilson's Drain	South of Cam River / Ruataniwha														

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	(b) Within 20 Working Days of the installation of a new permanent culvert: i. Written confirmation must be provided to CRC that each structure has been constructed in accordance with clause (a), and ii. The information required by Regulations 62, 63, and 69 of the NES-F must be provided to CRC. (c) Within 1 year of the installation of a new permanent culvert: i. An SQP shall inspect all culverts to determine whether an appropriate in-pipe substrate has been retained and fish passage is provided, and in the event that such substrate has not been retained or fish passage has not been provided, the Consent Holder shall make other modifications to the culvert recommended by the SQP; ii. Written confirmation must be provided to CRC of the SQP's inspection and findings under clause (i).		
	Realignments of Waihora Stream, Taranaki Stream, and Taranaki Stream tributary		
C2.9	The Consent Holder shall appoint a SQP to design the realignment of Waihora Stream, Taranaki Stream, and Taranaki Stream tributary. The realignments shall be designed and constructed to achieve, where practicable, the following outcomes: (a) Channel and banks to have a natural form;		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	(b) Length of the realigned stream shall be maximised through meanders; (c) Dimensions (depth, width, and gradient pattern) shall be similar to the reclaimed Watercourse that it replaces to achieve similar velocities, depth profiles and wetted widths; (d) Maintenance of hydrological heterogeneity (pools, runs, riffles, etc) to a similar or better extent than the reclaimed Watercourse that it replaces. (e) Same or better mosaic of substrates as the reclaimed Watercourse that it replaces; (f) Constructed using natural materials and have planting of indigenous vegetation for a zone of at least 10 metres either side of the banks. Such planting shall: (i) Be of a suitable species composition; (ii) Include woody plants within 1m of the bank; and (iii) Be maintained until 80% indigenous canopy cover and a general absence of weeds is achieved; (g) Fenced to exclude stock; (h) Have large and medium woody debris (in slow run and pool habitats) at the time of construction of the realigned Watercourse; and (i) Have a range of medium and large cobble (in riffles and faster sections) at the time of construction of the realigned Watercourse.		

C3 - Water permit

Ref	Condition	Summary of ECan comments	Proposed changes / comments
General			
C3.1	This resource consent shall lapse 10 years from the date of commencement under section 97 of the FTAA, unless it is given effect to by that date.		
C3.2	This resource consent shall expire 20 years from the date of commencement under section 97 of the FTAA.		
C3.3	The activities authorised by this resource consent shall comply with the conditions in Schedule 1 of this resource consent.	These should sit inside the individual consents once the condition set is final. – based on other panel decisions, rather than any particular preference from ECan.	
		Please ensure that limits are defined which is the description of the activity. This should also include plans showing the area(s) in which the activity is to take place. Description of the limits for the consent to be included at the start of the consent to make it clear what is being authorised. If there are multiple activities to be defined can use a), b), c)... etc. Description of the location in which the works are to occur and a plan which shows the extent of the project area (this could be the Cross Sections as listed in the general conditions).	New condition <u>The works authorised by this resource consent are limited to:</u> <u>(a) Take and use groundwater and surface water for construction</u> <u>(b) Take and use of water from groundwater for the purpose of dewatering</u> <u>(c) Dam, divert and take surface water.</u> <u>associated with the State Highway 1 North Canterbury – Woodend Bypass Project, from approximately xxx (map reference: xxx) to approximately xxxx (map reference:xxx).</u>
Construction water takes			

Ref	Condition	Summary of ECan comments	Proposed changes / comments
C3.4	Water shall only be taken from the Quarry Lakes at a rate not exceeding 2000 cubic metres per day and not exceeding 470,000 cubic metres per year.		
			New Condition <u>Water taken under C3.4 shall only be used for Enabling Works and Construction Works purposes.</u>
			New Condition <i>New condition added below to prevent fish entering the water intake. Christchurch City Council's Standard for Temporary Fish Screens on Christchurch City Council Projects is proposed for consistency with new over pumping condition below, as suggested by ECan.</i> <u>Fish shall be prevented from entering the intake(s) by installing, operating and maintaining a fish screen in accordance with Christchurch City Council's Standard for Temporary Fish Screens on Christchurch City Council Projects.</u>
C3.5	Prior to exercising the water take under Condition C3.4, the Consent Holder shall: (a) Install a water meter(s) that has an international accreditation or equivalent New Zealand calibration endorsement, and has pulse output, suitable for use with an electronic recording device, which will measure the rate and the volume of water taken to within an accuracy of plus or minus five percent as part of the pump outlet		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	plumbing, or within the mainline distribution system, at a location(s) that will ensure the total take of water is measured; and (b) Install a tamper-proof electronic recording device such as a data logger(s) that shall record the date, time and total volume abstracted at least once every 60 minutes, and have the capacity to hold at least one season's data of water taken as specified in clauses (b)(i) and (b)(ii), or which is telemetered, as specified in clause (b). (c) The recording device(s) shall: i. Be set to wrap the data from the measuring device(s) such that the oldest data will be automatically overwritten by the newest data (i.e. cyclic recording); and ii. Store the entire season's data in each 12-month period from 1 July to 30 June in the following year, which the consent holder shall then download and store in a commonly used format and provide to the CRC upon request in a form and to a standard specified in writing by the CRC; or iii. Shall be connected to a telemetry system which collects and stores all of the data continuously with an independent network provider who will make that data available in a commonly used format at all times to the CRC. No data in the recording device(s) shall be deliberately changed or deleted.		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	(d) Access to the recording devices for inspection and/or data retrieval shall be provided to the CRC within 24 hours of a request to the Consent Holder during normal working hours. Access shall not be unreasonably withheld. (e) The water meter and recording device(s) shall be installed and maintained throughout the exercise of the consent in accordance with the manufacturer's instructions. (f) All practicable measures shall be taken to ensure that the water meter and recording device(s) are fully functional at all times.		
C3.6	The Consent Holder shall inform the CRC within 24 hours of the first exercise of the water take under Condition C3.4.		
Construction dewatering			
C3.7	All Construction Works involving dewatering activities shall be undertaken in accordance with the GMP prepared and certified in accordance with conditions MP.1-MP.5 and MP.11 in Schedule 2 of this resource consent.		
C3.8	Dewatering of groundwater shall only be for the purposes of facilitating Construction Works and groundwater shall not be taken from a depth exceeding 10 metres below ground level.		
		Suggested condition Groundwater must only be: a. Pumped from a depth not exceeding [XX] metres below ground level;	No change <i>Condition C3.8 specifies a maximum of 10 m</i> <i>The draft GMP requires activity specific dewatering management plans be prepared by a SQP and implemented for dewatering. These</i>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
		b. Taken at a [combined] rate no greater than [XX] litres per seconds; c. Taken for a total maximum period of [XX days / Weeks / months] over the duration of this resource consent; and d. Taken from sumps installed within the excavations OR via well pointing.	<i>plans will include proposed pumping rates, duration and discharge locations.</i> <i>For a linear infrastructure project where dewatering may occur at multiple locations, a maximum rate of take and period is not practical.</i>
		Suggested condition The dewatering during each stage of the excavation works must only occur for the time required to carry out the works within the stage.	New condition <u>The dewatering take and use during each stage of excavation must only occur for the time required to carry out the works within the stage.</u>
		Suggested condition The dewatering must not result in groundwater level reductions lower than: a. XXX metres below ground level for [excavation area 1]; and b. XXX metres below ground level for [excavation area 2].	No change <i>Condition C3.8 already prescribes a maximum depth at which groundwater can be taken.</i>
		Suggested condition The dewatering water take must not, in combination with other groundwater or dewatering water takes, cause ground subsidence or any land stability issues on adjacent properties not owned by the consent holder[, in excess of the ground subsidence	New condition <i>The Hydrogeology Assessment identifies a low level of effect from ground settlement. Any groundwater induced settlement would be localised and able to be mitigated through construction methodologies (e.g. shoring/battering) in accordance with the GMP.</i>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
		authorised under Conditions (10) to (15) of this resource consent]. ECan provided further detailed conditions around ground subsidence including ongoing groundwater monitoring and survey points	<i>Dewatering induced settlement is unlikely to be appreciable beyond the boundary.</i> <u>The dewatering take and use shall not cause ground subsidence or land stability issues on adjacent properties not owned by the Consent Holder.</u>
		Suggested condition Dewatering water taken shall be discharged to [Surface waterbody] in accordance with Resource Consent CRCXXXXX or as a permitted activity?	New condition <u>Dewatering water taken shall be discharged in accordance with CRCxxxxxx or as a permitted activity.</u>
		Suggested condition A record of all dewatering activities that occur within the site must be kept and provided to the Canterbury Regional Council upon request. This record must include, but not be limited to: - The date, time and duration of the water take; - The rate of the groundwater takes; and - The location of the dewatering within the site.	No change <i>The draft GMP requires activity specific dewatering management plans be prepared by a SQP and implemented for dewatering.</i>
		Suggested condition At least [five / 10] working days prior to the commencement of works on site, the Canterbury Regional Council, Attention:	New condition <u>The Consent Holder shall inform the CRC within 24 hours of the first exercise of the water take under Condition C3.7.</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
		Compliance Manager (via ECInfo@ECan.govt.nz) must be informed of the commencement of works.	
C3.9	In the event of unanticipated artesian flows, the Consent Holder must undertake all practicable measures to remedy or mitigate any change in aquifer pressure, water quality or temperature caused by the Construction Works. This must include: (a) Ceasing all works within the immediate area of excavation that caused the interception of the artesian flows; (b) Determining and documenting whether the flow is constant or increasing, if the turbidity is constant or increasing and if the flow is confined to the excavation; (c) Undertake emergency measures including but not be limited to: (i) The installation of a layer of impermeable material to the extent required to reform a capping layer over the aquifer to prevent the upward movement of groundwater through the confining layer; or (ii) Inserting a vertical pipe in the aquifer interception point (if practicable) and provide for a secure seal against the pipe to enable the stabilisation of the artesian flow in the pipe, and to determine the above ground water level to assess any further measures.		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	(d) Controlling and mitigating the temporary artesian flow beyond the excavation with appropriate erosion and sediment control measures; (e) Notifying the CRC as soon as practicable but no later than two working days after the interception; and (f) Upon remediation and arresting of flow from the aquifer interception, the construction methodology must be reconsidered and, if required, revised to avoid future interceptions of the aquifer.		
Construction damming, diversions and take (overpumping)			
C3.10	All Construction Works involving damming and diversion activities shall be undertaken in accordance with the: (a) EMP prepared and certified in accordance with conditions MP.1-MP.5 and MP.7-MP.8 in Schedule 2 of this resource consent. (b) ESCMP prepared and certified in accordance with conditions MP.1-MP.5 and MP.10 in Schedule 2 of this resource consent		Amend condition <i>Overpumping is a non-consumptive water take (and subsequent discharge)</i> All Construction Works involving damming, and diversion or surface water take (overpumping) activities shall be undertaken in accordance with the:
		An over pumping condition would be useful here. This will ensure that water taken is returned to the same water body. Temporary fish screen in accordance with CCC guidelines may be required to ensure no entrapment of fish.	New condition <u>Where the damming, diversion or surface water take (overpumping) occurs within a flowing channel, the Consent Holder shall install a temporary fish screen in accordance with Christchurch City Council's Standard for Temporary Fish Screens on Christchurch City Council Projects.</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
		An over pumping condition would be useful here. This will ensure that water taken is returned to the same water body. Temporary fish screen in accordance with CCC guidelines may be required to ensure no entrapment of fish.	New condition <u>The surface water taken (overpumping) shall be discharged in accordance with CRCxxxxxxx and returned to the same waterbody.</u>

C4 – Discharge permit

Ref	Condition	Summary of ECan comments	Proposed changes / comments
General			
C4.1		Please ensure that limits are defined which is the description of the activity. This should also include plans showing the area(s) in which the activity is to take place. Description of the limits for the consent to be included at the start of the consent to make it clear what is being authorised. If there are multiple activities to be defined can use a), b), c)... etc. Description of the location in which the works are to occur and a plan which shows the extent of the project area (this could be the Cross Sections as listed in the general conditions).	New condition <u>The works authorised by this resource consent are limited to:</u> (a) <u>the discharge of water and contaminants (including concrete and sediment) to land and water.</u> (b) <u>discharge dust to air.</u> <u>associated with the State Highway 1 North Canterbury – Woodend Bypass Project, from approximately xxx (map reference: xxx) to approximately xxxx (map reference:xxx).</u>
C4.2	This resource consent shall lapse 10 years from the date of commencement under section 97 of the FTAA, unless it is given effect to by that date.		
C4.3	This resource consent shall expire 20 years from the date of commencement under section 97 of the FTAA.		
C4.4	The activities authorised by this resource consent shall comply with the conditions in Schedule 1 of this resource consent.		
Construction discharges to land and water			
C4.5	All Construction Works shall be carried out in accordance with the ESCMP prepared and certified		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	in accordance with conditions MP.1-MP.5 and MP.10 in Schedule 2 of this resource consent.		
			New condition <u>All Construction Works involving dewatering activities shall be undertaken in accordance with the GMP prepared and certified in accordance with conditions MP.1-MP.5 and MP.11 in Schedule 2 of this resource consent.</u>
C4.6	Construction phase dewatering water and stormwater (except where subject to Condition C4.6), may be discharged to Watercourses and Wetlands (but not Natural Inland Wetlands) providing: (a) The discharge shall not have a TSS concentration greater than 50 grams per cubic metre at the point the discharge enters a Watercourse or drain except when the background total suspended solids in the waterbody is greater than 50 grams per cubic metre in which case the Schedule 5 visual clarity standards in the CLWRP shall apply; and (b) For the first 24 hours after the commencement of the discharge, the TSS concentration may exceed 50 grams per cubic metre, provided that: i. The Consent Holder is implementing best practicable option (BPO) measures to reduce sediment discharge, including but not limited to use of sediment retention devices, treatment systems (e.g. lamella		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	clarifiers, flocculation, sediment bags), and stabilisation of discharge points; and ii. The Consent Holder notifies the CRC in writing within 24 hours of commencement of the discharge, including details of mitigation measures being employed. (c) After the initial 24-hour period, all discharges shall meet the 50 grams per cubic metre limit at the point of discharge to surface water. (d) Monitoring of TSS shall be undertaken: i. At the point of discharge following the mixing zone at a frequency of at least once every 24 hours during active discharge; ii. Field visual monitoring using an industry accepted monitoring tool (e.g. Sedimate), conducted daily during discharge, to assess clarity and evidence of sediment plumes in the receiving environment; and iii. If field monitoring indicates elevated sediment levels a laboratory sample shall be taken to confirm TSS concentrations. (e) Records of all TSS monitoring shall be maintained and provided to the CRC upon request.		
C4.7	(a) Discharges of dewatering water from the Gladstone Road Landfill and other HAIL sites to surface water shall meet, after reasonable mixing, the receiving water standards for the relevant receiving water classification as per Schedule 5 of the CLWRP. (b) Where concentrations are detected in dewatering water for contaminants that do not have a receiving water standard, the		Amended condition <i>Updated to allow for removal of construction phase stormwater and ponded stormwater (as distinct from dewatering water) and to allow for disposal to land.</i> (a) Discharges of <u>construction phase stormwater</u>, dewatering water <u>or ponded stormwater</u> from the Gladstone Road

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	requirements of the “Ministry for the Environment Contaminated Land Guidelines No 2 Hierarchy and Application in New Zealand of Environmental Guideline Values, revised 2011” shall be used.		Landfill and other HAIL sites to surface water <u>or to land where it may enter surface water</u> shall meet, after reasonable mixing, the receiving water standards for the relevant receiving water classification as per Schedule 5 of the CLWRP. (b) <u>Discharges of construction phase stormwater, dewatering water or ponded stormwater from the Gladstone Road Landfill and other HAIL sites to land shall meet five times the Maximum Acceptable Value in the Water Services (Drinking Water Standards for New Zealand) 2023 or updates.</u> (c) Where concentrations are detected in dewatering water <u>or ponded surface water</u> for contaminants that do not have a receiving water standard or groundwater quality limit, the requirements of the “Ministry for the Environment Contaminated Land Guidelines No 2 Hierarchy and Application in New Zealand of Environmental Guideline Values, revised 2011” shall be used.
C4.8	Construction phase stormwater discharges which are discharged to a Watercourse from storm events up to and including the 5% Annual Exceedance Probability event shall not, further than 25 metres downstream of the discharge point, result in: Any conspicuous oil, or grease films, scums or foams, or floatable materials in the receiving water, or		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	- A change in colour of the receiving water of greater than ten Munsell units; or - A reduction in visual clarity greater than 35 percent as measured upstream and downstream of the discharge using a water clarity tube or black disk method, or - A significant adverse effect on aquatic life.		
		In addition to the measures already proposed, stormwater should be managed to maintain water quality, attenuate peak flows, and avoid or mitigate increased flood risk.	New Condition TBC <i>NZTA will continue to work with ECan on an appropriate condition to address this comment. The intent is that construction phase stormwater and dewatering discharges do no exacerbate flooding on neighbouring sites.</i>
C4.9	Construction phase stormwater and dewatering discharges shall not be discharged directly to any Natural Inland Wetlands.		
Construction discharges to air			
C4.10	All construction discharges to air from stockpiling activities shall be undertaken in accordance with the CAQMP prepared and certified in accordance with conditions MP.1-MP.5 and MP.9 in Schedule 2 of this resource consent.		
		In addition to the measures already proposed, construction activities should avoid or mitigate adverse effects on air quality, with controls triggered by wind conditions and particulate matter levels.	New condition <u>There shall be no discharge of dust that is offensive or objectionable beyond the site boundary.</u> <i>Measures to minimise the effects of dust discharge from stockpiling activities / outdoor</i>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
			<i>storage of bulk solid materials are addressed within the CAQMP.</i>

Schedule 1: General Conditions

Ref	Condition	Summary of ECan comments	Proposed changes / comments
GC.1	(a) Except as provided for in the other conditions of the resource consents and subject to the final design, the Project shall be undertaken in general accordance with the General Arrangements and Cross Sections included respectively in Volumes 4A and 4B of the Application. (b) Where there is inconsistency between the drawings in Volumes 4A and 4B of the Application and the requirements of these conditions, these conditions shall prevail.	Should sit on individual consents. Generally good but may require some further refinement as we progress	No Change <i>Retain schedules as drafted unless/until panel directs otherwise</i>
GC.2	At least 30 Working Days prior to the Commencement of Construction Works, the Consent Holder shall notify the CRC and Whitiara in writing of the proposed date of commencement. The notification shall include an invitation to a pre-commencement meeting that: (a) Is located on the Site; (b) Is scheduled not less than five days before the anticipated commencement of Construction Works; (c) Includes representation from the head contractor(s) with overall responsibility for the Construction Works.		
GC.3	All Construction Works shall be carried out in accordance with the CEMP prepared and certified in accordance with conditions MP.1-MP.5 and MP.6 in Schedule 2 of this resource consent.		
GC.4	CRC may serve notice on the Consent Holder under section 128(1) of the Act of its intention to review the conditions of these resource consents at any time within six months of the first, second, third, fourth, and fifth	Suggested wording - The Canterbury Regional Council may annually, on the last working day of May or November, serve notice of its intention to	No Change <i>Condition currently allows an appropriate review period.</i>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	anniversaries of the date of Commencement of Construction Works, and thereafter five yearly. The purpose of such a review is to deal with any adverse effect on the environment which may result from the consented activities and which it is appropriate to deal with at a later stage. Any review under this condition must give effect to the purpose of the Fast-track Approvals Act 2024.	review the conditions of this resource consent for the purposes of: a. Dealing with adverse effect on the environment which may arise from the exercise of this resource consent, and which is not appropriate to deal with at a later stage; or b. Requiring the adoption of the best practicable option to remove or reduce any adverse effect on the environment.	

Schedule 2: Management Plans

Ref	Condition	Summary of ECan comments	Proposed changes / comments
Certification and Review Processes			
MP.1	The Consent Holder shall prepare and submit to CRC the Management Plans listed in Table 1 in accordance with the process and timeframes identified in Table 1 and the requirements of the relevant conditions.	Generally acceptable but should sit on each consent. Some further discussions will need to take place regarding certain elements.	No Change Retain schedules as drafted unless/until panel directs otherwise
MP.2	Each management plan shall be prepared by a SQP.	SQEP	No Change SQP used for consistency across plans, noting that SQEP is specifically associated with NES CS.
MP.3	The Consent Holder shall not commence any Construction Works within an area to which Management Plan condition(s) apply until the required Management Plan, or an amendment in accordance with condition MP.4(c), has been certified. However, if the applicable Management Plan has been submitted to CRC for certification, and 30 Working Days has passed, and CRC has not certified the applicable Management Plan or advised that the Management Plan is not suitable to certify, the Management Plan will be deemed to have been certified and the Consent Holder may commence Construction Works in accordance with the applicable Management Plan as submitted.		
MP.4	Any certified Management Plan may be amended, if necessary, to reflect any changes in design, construction methods or management of effects without the need for certification, where the amendment(s):		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	(a) Has no or a de minimis adverse effect on the environment, or is a change that results in an improved environmental outcome; or (b) Is an administrative change; and (c) The amended Management Plan is provided to the CRC and, within 10 Working Days of receiving the amended Management Plan, CRC has not advised in writing that the amendment shall be re-certified under Condition MP.3 on the basis that the amendment(s) do not meet the requirements of clauses (b) or (c).		
MP.5	The Consent Holder may prepare Management Plan(s) in parts to address specific activities (including Enabling Works) or to reflect the staged implementation of the Construction Works. The scope of the Management Plans is to be commensurate with the nature, scale and effects of the specific activities or staging.		

Table 1: Management plans to be certified by CRC

Management Plan	Process	Timeframe
Construction Environmental Management Plan (CEMP)	Submit to CRC for certification that it complies with condition MP.6.	Submit to CRC for certification at least 30 Working Days before the Commencement of Construction Works.
Ecological Management Plan (EMP)	Submit to CRC for certification that it complies with conditions MP.7 and MP.8.	
Construction Air Quality Management Plan (CAQMP)	Submit to CRC for certification that it complies with condition MP.9.	
Erosion and Sediment Control Management Plan (ESCMP)	Submit to CRC for certification that it complies with condition MP.10.	
Groundwater Management Plan (GMP)	Submit to CRC for certification that it complies with condition MP.11.	
Contaminated Sites Management Plan (CSMP)	Submit to CRC that it complies with condition MP.12.	
<u>Remedial Action Plan (RAP) (if required by condition NEW)</u>	<u>Submit to CRC that it complies with condition MP.13</u>	<u>Submit to CRC for certification at least 15 Working Days before any active remedial works</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	Construction Environmental Management Plan		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
MP.6	The CEMP must contain the following information: <i>General</i> (a) Key staff responsibilities and contact details, including emergency contacts; (b) Training requirements for employees, sub-contractors and visitors; (c) Environmental incident and emergency management procedures; (d) Communication and interface procedures, including a protocol for consultation with CRC and WDC and for providing information to the local community prior to and throughout the construction phase; (e) A protocol for provision of a summary of outcomes to Whitiara, on a six-monthly basis, from monitoring required under this management plan; (f) A protocol for consultation with Whitiara in respect of any concerns or issues in relation to effects on the environment during construction, and in particular observed effects on water quality and the health and wellbeing of waterbodies; (g) Complaints procedures; (h) Proposed hours of working; <i>Site management</i> (i) Spill response procedures and protocols, including methods to ensure hazardous substance storage and use occurs away from Watercourses, Wetlands, and Community Drinking Water Protection Zones;	A condition explaining the purpose of each management plan would be beneficial.	Amend condition <u>The purpose of the CEMP is to provide an overarching framework for managing construction activities and associated effects to ensure construction activities are planned and undertaken in accordance with the consent conditions and the other certified management plans.</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	(j) Provision for property access during construction, including temporary access where necessary. (k) Measures to delineate Site boundaries, maintain site security, prevent access, and ensure the safe and practical operation of adjacent sites; (l) Management of construction lighting, to minimise spill onto surrounding properties; (m) Methods for providing for the health and safety of the general public; (n) Rehabilitation of construction laydown area and yards; <i>Actions and reporting</i> (o) Corrective actions; (p) Environmental auditing and reporting; (q) Compliance monitoring; (r) Quality assurance; (s) Review processes, including a protocol for amending the CEMP as a result of any complaints or issues arising during construction.		
Ecological Management Plan			
MP.7	The purpose of the EMP is to address the management of effects on ecology for the activities authorised under resource consents C1 – C3. The scope of the EMP is limited to: (a) Indigenous biodiversity in and within 10 metres of Watercourses and Wetlands; (b) Fish management in Watercourses; and (c) Residual effects management for the matters addressed in Schedule 3.		Amend Condition <i>The EMP applies to the Quarry Lakes which are not included in the definition of Watercourses</i> The purpose of the EMP is to address the management of effects on ecology for the activities authorised under resource consents C1 – C3. The scope of the EMP is limited to:

Ref	Condition	Summary of ECan comments	Proposed changes / comments
			(a) Indigenous biodiversity in and within 10 metres of Watercourses and Wetlands and the Quarry Lakes; (b) Fish management in Watercourses and the Quarry Lakes; and (c) Residual effects management for the matters addressed in Schedule 3
MP.8	The EMP must include: <i>General</i> (a) Identification of key ecology personnel, including their roles and responsibilities, specialist expertise, and relevant experience; (b) Site staff induction procedures in respect of ecology; (c) Any feedback provided by Whitiora on draft versions of the EMP. (d) A protocol for provision of a summary of outcomes to Whitiora, on a six-monthly basis, from monitoring required under this management plan; (e) A protocol for consultation with Whitiora in respect of any concerns or issues in relation to effects on the environment during construction, and in particular observed effects on water quality and the health and wellbeing of waterbodies. <i>Indigenous biodiversity (within 10 metres and in Watercourses and Wetlands)</i> (f) Approaches to the management of indigenous vegetation clearance and planting through:		Amend condition subclause <i>Fish management</i> iv. Measures to prevent fish impingement and / or entrainment during stream works in any pump used during stream dewatering. ix. Measures to avoid or minimise times when migratory fish species or fish are <u>migrating or spawning</u>; (l) Approaches to on-line stream works that, where such works cannot be avoided: i. Provide temporary fish passage <u>where practicable; or where temporary fish passage is not practicable, provide fish salvage and relocation.</u> ii. Manage the timing of works in respect of site conditions and to avoid peak fish migration and spawning seasons <u>where practicable.</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	iv. Protocols that include demarcation, timing of vegetation clearance and planting; and supervision requirements; v. A planting guide that sets out: vi. The source of plants from the rohe or relevant ecological districts, including a propagation guide; vii. Plant specifications; viii. Species mix; ix. Nursery requirements; x. Methods, locations, plant numbers, spacing, density and timing of planting; xi. Approaches to livestock exclusion. (g) Pest plant and animal management, (h) Planting monitoring and maintenance approach and timelines. (i) Approaches to the management of potential effects on indigenous birds, including: iv. The procedures for pre-construction avifauna surveys; v. Constraints on vegetation clearance; vi. Deterrents; vii. Exclusion zones; viii. Supervision; and ix. Responses to accidental harm. <i>Fish management</i> (j) Fish recovery protocols to provide procedures for the salvage and relocation of fish shall include the: iv. Location where fish and aquatic organisms shall be salvaged and released; v. Methods to prevent fish entering the works area once defishing occurs		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	vi. Methods used to hold fish following capture and prior to release vii. Measures to prevent fish impingement and / or entrainment in any pump used during stream dewatering. viii. Roles and responsibilities for the ecologist/s, contractors and other people on site ix. Measures to avoid or minimise times when migratory fish species or fish are spawning; x. Deterrent, removal, recovery, relocation, and reporting methods prior to and post the commencement of construction activities; xi. Measures to manage pest fish species and exotic fish. (k) Site-specific guidance of fish migration and spawning times; (l) Approaches to on-line stream works that, where such works cannot be avoided: iv. Provide temporary fish passage; and v. Manage the timing of works in respect of site conditions and to avoid peak fish migration and spawning seasons. <i>Residual effects management</i> (m) State the offset and compensation measures, and relevant calculations, required to comply with the conditions EM.2-EM.4 in Schedule 3 of these resource consents. (n) Set out the principles, methodologies, processes, targets, monitoring and reporting that will be used to achieve the offset and/or compensation measures.		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
Construction Air Quality Management Plan			
MP.9	The CAQMP must include: (a) A description of the outdoor storage of bulk solid materials as it relates to potential effects on air quality; (b) A map indicating the location where stockpiling of bulk solid material may occur and the following adjacent activities: (i) any residential areas or zones (as defined in a district plan) within 250 metres; and (ii) any Sensitive Air Quality Receptor Activity (SAQRA) within 100 metres; (c) Measures to minimise dust emissions from outdoor storage of bulk solid materials, which must include: (iii) Siting of stockpiles to maximise separation from SAQRAs; (iv) Minimising wind exposure of stockpiles; (v) Use of water application (including via hoses, or sprinklers) in dry and windy conditions or temporary surface stabilising agents; (d) At minimum, the measures described in accordance with clause (c) must include the following requirements: (i) Heights of outdoor, uncovered stockpiles are to be minimised as far as practicable to reduce wind entrainment and must be no greater than 3 metres in height within 250 metres of a residential area or zone (as defined in a district plan) or within 100 metres of any other SAQRA and no greater than 5 metres in height at other locations.	A condition explaining the purpose of each management plan would be beneficial. In addition to the measures already proposed, construction activities should avoid or mitigate adverse effects on air quality, with controls triggered by wind conditions and particulate matter levels.	Amend condition <u>The purpose of the CAQMP is to detail measures to minimise the effects of the discharge of dust from outdoor storage of bulk solid materials beyond the site boundary and ensure that any discharges of dust beyond the site boundary are not offensive or objectionable.</u> <i>The scale of dust discharges from outdoor storage does not warrant controls triggered by weather (including wind) conditions. This may be appropriate for dust discharges from other activities where they are in close proximity to residential areas however this is a permitted activity.</i>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	(ii) Screens or barriers are to be erected around outdoor, uncovered stockpiles located within 250 metres of a residential area or zone (as defined in a district plan) or within 100 metres of any other SAQRA to reduce wind exposure. (iii) Stockpiles inactive for longer than three months are to be covered or stabilised (such as through hydroseeding or application of temporary stabilising agents). (e) Methods for visual monitoring of dust emissions from stockpiles during construction; (f) Contingency methods to address identified and verified effects of dust emissions from stockpiles on SAQRAs; (g) An explanation as to how any adverse effects on sites that are sensitive to Ngāi Tahu, such as statutory acknowledgement areas, silent file areas or wāhi tapu or wāhi taonga are to be managed; (h) The roles and responsibilities of staff and contractors for dust management; and (i) Where not already addressed by preceding clauses, the relevant requirements of Schedule 2 of the Canterbury Air Regional Plan.		
Erosion and Sediment Control Management Plan			
MP.10	The ESCMP must include: (a) Details of all erosion and sediment control (ESC) principles, procedures and practices that will be implemented across the Site to minimise the potential for sediment discharge;	A condition explaining the purpose of each management plan would be beneficial.	Amend condition <u>The purpose of the ESCP is to identify the erosion and sediment control (ESC) principles, procedures and practices that will be implemented to minimise sediment</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	(b) Site specific erosion and sediment control principles, procedures and practices that will be implemented at the Kaiapoi River, Cam River / Ruataniwha and Waihora Stream; (c) Site plan of a suitable scale to identify: (d) The locations of Watercourses and Wetlands; (e) The extent of soil disturbance and vegetation removal; (f) Any buffer areas to be maintained undisturbed adjacent to Watercourses and Wetlands; (g) Areas of cut and fill; (h) Any other relevant Site information; (i) A construction timetable for installation of ESC devices and the soil disturbance activities proposed; (j) Maintenance, inspection, monitoring and reporting procedures; (k) Procedures and timing for review of and/or amendment to the certified ESCMP; (l) Identification and contact details of the personnel responsible for the operation and maintenance of all key erosion and sediment control devices. These personnel shall be managed by a SQP, and each shall have clearly defined roles and responsibilities to monitor compliance with these consent conditions. These personnel shall be available to meet with CRC monitoring personnel on a monthly basis, or as otherwise agreed in writing with CRC, to review any issues; (m) Measures to control discharges of treated construction stormwater runoff to mitigate against scouring; (n) Erosion and sediment control protocols for construction vehicles, including covering loads of		<u>discharge from Construction Works beyond the site.</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	fine material, the use of wheel-wash facilities at Site exit points and the timely removal of any material deposited or spilled from such vehicles on public roads; (o) Measures to avoid flood effects arising from soil disturbing activities, such as siting stockpiles out of areas within the 1 in 10 (10% Annual Exceedance Probability) critical storm flood level, minimising obstruction to flood flows, and actions to respond to warnings of a potential flood event; (p) A protocol for provision of a summary of outcomes to Whitiora, on a six-monthly basis, from monitoring required under this management plan; and (q) A protocol for consultation with Whitiora in respect of any concerns or issues in relation to effects on the environment during construction, and in particular observed effects on water quality and the health and wellbeing of waterbodies.		
Groundwater Management Plan			
MP.11	The GMP must include: <i>General</i> (a) Inspection and monitoring procedures for groundwater levels and quality before, during, and after excavation works; (b) Site management and controls including practices to minimise risks of surface contaminants entering groundwater during any investigation, excavation, piling, or drilling activities; (c) Management of confined aquifer and artesian pressures and methods of control;	A condition explaining the purpose of each management plan would be beneficial.	Amend condition <u>The purpose of the GMP is to set principles, procedures and controls for managing the effects of Construction Works on groundwater.</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	(d) Installation procedures for the mixing and placement of concrete for ground improvements; (e) Control, collection and treatment of displaced water from the piles/ground improvements with protocols for correct disposal; (f) Methods to reduce the potential effects of mixing groundwater between aquifers and to reduce upward groundwater flows, if these are anticipated; (g) To address the potential effects of groundwater mixing and changes in groundwater pressure at the spring-fed pond at Lot 2 DP 306454, stone columns filled with a lower permeability material shall be used (subject to final design); (h) Management for excavation within 1 m of groundwater; (i) Provision of contingency measures; (j) Response plans; <i>Dewatering</i> (k) A dewatering management procedure, describing how dewatering and related discharge activities will be undertaken; (l) Adoption of suitable pumping rates/screen sizing to manage volumetric loss. (m) Methods for battering or shoring of the excavation walls to minimise mechanical settlements; <i>Bores</i> (n) Methods for controlling bore flushing and management of the drilling fluids; (o) Procedures for sealing to prevent vertical mixing of groundwater between aquifers;		

Ref	Condition	Summary of ECan comments	Proposed changes / comments
	(p) Methods for decommissioning wells within the Project alignment.		
Contaminated Sites Management Plan			
MP.12	The CSMP must contain the following information: (a) A summary of known contaminant conditions; (b) Contamination-related training requirements for project staff; (c) Soil management procedures including segregation, stockpiling and reuse, and offsite disposal; (d) Contamination-related health and safety controls; (e) Accidental discovery protocols; (f) Contamination-related incident management; (g) Record keeping and works completion reporting.	A condition explaining the purpose of each management plan would be beneficial. Suggested purpose: The purpose of the CSMP is to confirm contaminated sites within the Project Area and identify measures to manage potential risks from disturbance of contaminated soils to the environment. Further detail still required in terms of the content of the CSMP. Please consider this comment from our contaminated land team 'Recommend that the Contamination Site Management Plan includes measures which ensure that soil reuse is appropriately performed, and this should include soil segregation and management procedures. Where reuse of soil above the Class 4 adopted WAC is proposed, management of risks from soil might be required and these should be detailed in the CSMP. Proposed remediation targets and methods should be included in the Contamination Site Management Plan. If exceedances of ANZG GV-high are detected, a remediation action plan should be developed in addition to the contamination site management plan, and supplied to Environment Canterbury for review. Consent conditions should ensure appropriate	Amend condition <i>For reuse we are applying Class 4 Leaching to Water Criteria. Management of soils is not required even when these are above the Class 4 Adopted criteria. The trigger for remediation is not the ANZG-GV High as this does not consider the conceptual site model for contamination requiring remediation.</i> <u>The purpose of the CSMP is to identify measures to manage potential risks during construction arising from contaminated sites.</u> The CSMP must contain the following information: (a) A summary of known contaminant conditions <u>including confirming sites where contamination is expected to be present, including details on the type and extent of contamination</u> (b) <u>Specify any pre construction contamination investigation(s).</u> (c) Contamination-related training requirements for project staff; (d) <u>On site soil management procedures including for excavation / disturbance , segregation, stockpiling and reuse,</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
		mitigations will manage the risk of the potential contamination. Expanded CSMP including trigger levels, disposal/treatment methods, and independent validation reporting. '	(e) <u>Offsite soil management procedures including transportation and identification of suitable offsite disposal locations for contaminated soils;</u> (f) <u>Management of stormwater and dewatering water discharges to or from contaminated land.</u> (g) Contamination-related health and safety controls; (h) <u>Accidental discovery protocols to apply in the event of accidental / unexpected discovery of contaminated soils (sites not previously identified) to safely manage unexpected contamination;</u> (i) Contamination-related incident management; (j) <u>Approach to active remediation should contamination be identified that would present an unacceptable risk to the environment following completion of Construction Works.</u> (k) Record keeping and works completion reporting.
Remedial Action Plan			
MP.13		Suggested condition The purpose of the RAP is to identify a remedial strategy and controls to mitigate the risk posed by any contaminants identified. The RAP must:	New condition <u>The purpose of the RAP is to document a remedial strategy for the contamination requiring active remediation in accordance with 12. (j).</u>

Ref	Condition	Summary of ECan comments	Proposed changes / comments
		a. Outline the proposed soil sampling procedure to identify the extent of contamination, including guidelines used to analyse samples; b. Detail a procedure for managing any discovery of contaminated soil or material; c. Describe the methodology for soil removal and how soil will be prevented from being entrained in stormwater; d. Outline where the contaminated soil will be disposed of; and e. Describe any validation sampling that will be undertaken to ensure all contaminated soil is removed.	<u>The RAP must include:</u> - <u>Remedial objectives and targets</u> - <u>Remedial methodology</u> - <u>Any additional controls required to manage contamination discharges during remediation works (beyond those controls already required by the CSMP)</u> - <u>Any validation sampling or methodologies that will be undertaken to demonstrate successful completion of the remedial works</u> <i>The CSMP already addresses points a. and d. Successful remediation is not limited to removal of contaminated material.</i>

Schedule 3: Ecology (Discovery Protocol and Residual Effects Management)

Ref	Condition
At risk and threatened species discovery protocol	
EM.1	(a) If, when undertaking the Construction Works authorised by these resource consents, any 'At Risk' or 'Threatened' flora or fauna as defined by the Department of Conservation New Zealand Threat Classification System and not specifically addressed by the conditions of these resource consents is discovered, the Consent Holder must: - Notify the Department of Conservation within 24 hours of the discovery; - Identify and implement a course of action that takes into account the outcomes of any consultation with the Department of Conservation and Whitiara. (b) Within 15 working days of a discovery, the Consent Holder must advise the CRC in writing of the course of action implemented, including the programme for future actions, in accordance with clause (a).
Ecology Residual Effects Management	
EM.2	More than minor residual adverse effects (those effects not addressed after avoidance, remediation, and minimisation) of the Construction Works authorised by these resource consents shall be offset and/or compensated to achieve no net loss, for: - Indigenous biodiversity within 10 metres of a Watercourse, Wetland, or lake; and - Aquatic extent and values within a Watercourse or Natural Inland Wetland.
EM.3	Except where modified by Condition EM.4, offset and compensation measures shall be carried out in accordance with the Ecology Offset Plan (Volume 4E of the Application) attached to and forming part of this resource consent.
EM.4	- Prior to the submission of the EMP to CRC for certification, the offset and compensation measures specified in the Ecology Offset Plan must be recalculated. - The recalculation shall include a re-evaluation of the baseline assumptions of the recipient sites relative to the calculations, to reflect any revision to the area of habitats to be removed as a result of the final design and the Construction Works to be carried out under these resource consents. - Where the recalculation results in offset and compensation measures that differ to those in the Ecology Offset Plan, the revised measures: - Supersede the measures in the Ecology Offset Plan; and - Must be included in the EMP to be certified, along with an explanation of the revisions made and confirmation that Condition EM.2 is complied with.

Ref	Condition
EM.5	Offset and compensation measures must not commence until the Consent Holder has provided the CRC written confirmation that the Consent Holder has entered into enduring legal agreements or holds other authorisations necessary to allow entry onto land to carry out, continue and maintain all offset or compensation measures.
EM.6	At year 10 after the Completion of Construction Works, the Consent Holder must have completed all offset and compensation measures. At this time the Consent Holder must provide an Offset and Compensation Report (OCR) to CRC providing sufficient evidence to confirm that Condition EM.2 has been complied with.