

Canterbury Regional Council – Coastal Permit (Section 12) all works Akaroa Wharf and Akaroa boat ramp reclamation area

Akaroa Wharf

Coastal Permit (S12):	To remove or demolish a structure; erection and placement of a structure; disturb the foreshore and seabed; to emit noise in the Coastal Marine Area; and to occupy the Coastal Marine Area at Akaroa Wharf
Expiry Date:	35 Years after the date of commencement
Location:	Akaroa Wharf, Akaroa Harbour at or about map reference NZTM 2000: 1596844 mE, 5149323 mN

Coastal Permit (S12):

Limits

1. The activity associated with the new Akaroa Wharf at or about map reference NZTM 2000: 1596844 mE, 5149323 mN must be limited to:
 - a. The removal and demolition of a structure on the foreshore and seabed;
 - b. The erection and placement of a structure and reinforced concrete and / or steel piles (Akaroa Wharf and pontoons) and timber piles associated with fender protection, timber gangway and intermediate support piles for the existing buildings, on the foreshore and seabed;
 - c. The erection and placement of the piles on the foreshore and seabed in accordance with Condition (3);
 - d. The disturbance of the foreshore and seabed;
 - e. The emission of (demolition and construction related) noise in the Coastal Marine Area;
 - f. The construction of a reclamation of circa 165m³ in the coastal marine area, and associated rip rap;
 - g. The deposition of material associated with (f);
 - h. The discharge of sediment associated with the activities above; and
 - i. The occupation of the Coastal Marine Area.

Within the Coastal Marine Area at Beach Road Akaroa, at or about map reference NZTM 2000: 1596844 mE, 5149323 mN, as shown on Plan CRCXXXXXX which forms part of this resource consent.

Advice Note: *The Consent Holder should take all practicable measures to naturalise the area to support the growth of new habitats for a range of plants and animals on rocky shorelines, specifically that area previously occupied with the 'abutment'.*

2. The erection and placement of the new Akaroa Wharf must be generally constructed in accordance with Plan CRCXXXXXB, Plan CRCXXXXXC, Plan CRCXXXXXD and Plan CRCXXXXXE which form part of this resource consent.

Advice Note: *The Applicant should undertake all practical measures to construct the wharves and pontoons with a design scheme that is in keeping with the natural landscape, for example the use of natural timber finishes and low-level lighting.*

3. The piles associated with the new Akaroa Wharf at or about map reference NZTM 2000: 1596844 mE, 5149323 mN must be constructed by installation of maximum 710mm diameter concrete and/or steel piles driven below the seabed using a crane-mounted vibratory, percussive or bored rig on a barge or from land in accordance with Plan CRCXXXXXB. Timber piles associated with fender protection, timber gangway and intermediate support piles for the existing buildings will be driven below the seabed using a crane-mounted vibratory, percussive or bored rig on a barge in accordance with Plan CRCXXXXXB.

Prior to the commencement of Works

4. The Consent Holder must notify the commencement of works to the following parties at least 10 working days prior to the commencement of works (excluding those associated with site laydown and establishment where these do not extend into the Coastal Marine Area) on site:
 - a. Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring (via ECInfo@ecan.govt.nz); and
 - b. Te Ngāi Onuku Rūnanga (via onuku@ngaitahu.iwi.nz).
5. Prior to the commencement of the activities described in Condition (1), all personnel working on the site must be made aware of and have access to the contents of this resource consent document and all associated documents, including the Construction and Environment Management Plan (CEMP) required under Condition (7).
6. At least 10 days prior to the start of construction, (excluding those associated with site laydown and establishment where these do not extend into the Coastal Marine Area) the Consent Holder must erect a sign at the site explaining the nature of the work, timeframes expected for the completion of the works and a contact name and telephone number.

Construction and Environment Management Plan

7. The Consent Holder must prepare a CEMP which clearly sets out the measures to be undertaken to comply with the conditions of this consent. The CEMP must be submitted (via ECInfo@ecan.govt.nz) to the Canterbury Regional Council: Attention: Regional Leader Monitoring and Compliance at least ten (10) working days prior to construction works commencing (excluding those associated with site laydown and establishment where these do not extend into the Coastal Marine Area) and must be adhered to by the Consent Holder. The CEMP must include but not be limited to:
 - a. A map showing the location of all works;
 - b. Procedures for managing contaminants used on site;
 - c. An Erosion and Sediment Control Plan (ESCP) prepared in accordance with Canterbury Regional Council Erosion and Sediment Control Toolbox;
 - d. A programme of works including an indicative timeframe;
 - e. Specific measures to avoid adverse effects, including:
 - i. the management of spills;
 - ii. Marine Mammal Monitoring, required under Conditions (18) to (25);
 - f. Construction noise and vibration controls;
 - g. Site notices to inform the public of the works and direct people safely to alternative routes as necessary;
 - h. Procedures for Accidental Discovery Protocol;
 - i. A Tier 1 Marine Oil Response Plan in accordance with Marine Protection Rules, Part 130B. To be submitted to the Harbourmasters Office (via harbourmaster@ecan.govt.nz);
 - j. Procedures for the management of marine biosecurity during construction, including the following as contained within a Biosecurity Management Plan (BMP) as prepared by a suitably qualified person who is experienced in managing the risk of biosecurity incursions and must be adhered to by the Consent Holder. The BMP must include:
 - i. a description of the structures, machinery and vessels and their attributes that may affect risk, including key operation of the structures, machinery and vessels;
 - ii. a description of the key sources of potential marine biosecurity risk;
 - k. Procedures to ensure that all waste and materials are accounted for, and rapid remedial actions for any accidental release of material into the Coastal Marine Area; and
 - l. Mitigation/contingency measures for the use of machinery over soft substrates including means to distribute loads for the avoidance of machinery becoming lodged in the intertidal substrate.
8. a. The CEMP must be certified by the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring (via ECInfo@ecan.govt.nz) acting in a technical Certification capacity prior

- to works authorised by this consent first commencing, and the Consent Holder must undertake all activities authorised by this consent in accordance with the approved CEMP.
- b. Where the CEMP has been provided to the Canterbury Regional Council in accordance with Condition (7), including but not limited to lodgement by the Consent Holder to the Canterbury Regional Council exceeding 10 working days in advance of construction works commencing, it will be considered that the CEMP has been approved pursuant to Condition (8)(a) where the Regional Leader - Compliance Monitoring (via ECinfo@ecan.govt.nz) acting within its technical Certification role has not responded within 10 working days.
9. The CEMP may be amended at any time. Any amendments must be:
 - a. Only for the purpose of improving the efficacy of the proposed works;
 - b. Consistent with the conditions of this resource consent; and
 - c. Submitted in writing to the Canterbury Regional Council: Attention: Regional Leader Monitoring and Compliance prior to any amendment being implemented.

During Works

10. If construction activities create any underwater obstruction, a clear marker (such as a buoy) must be positioned as a warning for any marine movements for the duration by which these construction activities create such an obstruction.
11. Works must:
 - a. Not be carried out on, Sundays or on public holidays; or
 - b. Impact piling will only occur between the hours of 7:30am and 6:00pm inclusive Monday to Saturday and shall be undertaken in accordance with a Construction Noise and Vibration Management Plan.

Advice Note: *The Consent Holder should also check compliance with District Council Regulations.*
12. All material excavated from Akaroa Wharf and abutment as associated rubble and rock ballast must be removed from the site and disposed of off-site at a facility authorised to receive such material..
13. There must be no construction related machinery or plant located on the seabed or foreshore at times when construction work is not occurring on the seabed or foreshore.
14. All practicable measures must be undertaken to minimise the presence of vehicles and machinery on the seabed and foreshore.
15. The protection of the harbour from introduced biosecurity threats is a significant concern as this threat can impact the mauri of the harbour ecosystem. Therefore:
 - a. All vessels used in the repair, construction and maintenance of the wharf must follow an approved biosecurity management plan as of Condition (7)(j); and
 - b. All material used in the upgrade of the wharf must be new (rather than used / relocated from outside of Akaroa Harbour).

Advice Note: *This does not extend to original fabric present on the existing wharf which is to be re-used or refitted into the replacement wharf, including remilled timber from piles / decking.*
16. To prevent the spread of pest species, and as set out in any Biosecurity Management Plan under Condition (7)(j) the Consent Holder must ensure that all construction activities authorised by this consent are undertaken in accordance with the Biosecurity New Zealand's hygiene procedures and that machinery must be free of plants and plant seeds prior to use.

Advice Note: *The most current version of these procedures from the Biosecurity New Zealand website <http://www.biosecurity.govt.nz>*

17. Any material removed from the site during the works that is potentially or confirmed as contaminated, must be disposed of at a facility authorised to receive such material.

Marine Mammal Observation Zone and Acoustic Management

18. No less than 10 working days prior to commencement of demolition or piling works, the Consent Holder must provide a copy of the Marine Mammal Management Plan (MMMP) to:
 - a. Canterbury Regional Council, Attention Regional Leader: Monitoring and Compliance;
 - b. Department of Conservation, Attention Operations Manager; and
 - c. Te Hapu o Ngāti Onuku (Onuku Rūnanga).

The Marine Mammal Management Plan (MMMP) should set out the following:

- i) Best Practicable Option for method selection for piling with the stated intent to establish a 300m MMOZ for cetaceans (inclusive of Hector's Dolphins) and 20m MMOZ for fur seals from the piling source in which piling activities will cease if an animal enters the MMOZ;
 - ii) Procedures for commencing observations within the MMOZ no less than 30 minutes prior to the commencement of any piling operations;
 - iii) Procedures for prioritising piling operations to periods of low tide (where practicable);
 - iv) Procedures for the reductions in unexpected noise, including ramping up, and/or soft starts;
 - v) Procedures for in situ verification of underwater noise levels from piling activities and adjust mitigation measures and the MMOZ distances (either increase or decrease) as necessary;
 - vi) Restrictions on operational hours for piling operations and use of a single rig in operation at one time; and
 - vii) Procedures for regular maintenance/inspection of properly tensioned silt curtains or other sediment containment gear.
19. No less than 15 working days following commencement of any pile driving (excluding demolition, cutting of existing piles), the Consent Holder must provide to the Canterbury Regional Council, Attention: Regional Leader: Monitoring and Compliance in-situ verification of underwater noise levels from piling activities against the Pine 2023 model and state the revised MMOZ distances based on the in-situ verification measurements.
 20. The MMMP under Condition (22) must be prepared by an independent, suitably qualified and experienced person(s) and prior to provision to those parties under Condition (22)(a), (b) or (c).
 21. The Consent Holder must designate a suitably qualified and experienced Marine Mammal Observer (MMO) to identify within a 300m MMOZ for cetaceans (inclusive of Hector's Dolphins) and 20m MMOZ for fur seals during Pile Driving, except where the MMOZ is otherwise adjusted pursuant to Condition (18)(vi) and Condition (19).
 22. Pile Driving may only commence or recommence after the marine mammal observer has undertaken a search of the MMOZ and have assessed there are unlikely to be any cetaceans or fur seals within the MMOZ.
 23. The MMOZ must be continuously monitored during pile driving activity by at least one MMO.
 24. Pile Driving must cease or must not commence if any cetaceans or fur seals are located by the observer within the MMOZ.
 25. A sighting log to record any cetaceans or fur seals sighted, and actions taken, must be prepared and maintained on site. These records must be provided to the Canterbury Regional Council Attention: Regional Leader Monitoring and Compliance upon request.

Biosecurity Inspection Reporting

26. Following inspections and monitoring of any structures erected under this resource consent, the Consent Holder must prepare a report, by a suitably qualified and experienced person in conjunction with the Biosecurity Management Plan prepared pursuant to Condition (7)(j). The report must:
- Detail the methodology used to undertake any inspections and monitoring during construction;
 - Provide the results of the inspections and monitoring during construction, including the details of any pest species if they are found;
 - Detail the actions that will be undertaken should any pest species be found and the timeframes to undertake those actions; and
 - Provide any consultation undertaken with Biosecurity New Zealand, where any pest species were found.

The report must be submitted to Canterbury Regional Council: Attention: Regional Leader Compliance Monitoring within 3 months of completion of the inspection and monitoring.

Historic Heritage -Salvage and Recording

27. At least one month prior to the commencement of works under this consent, the Consent Holder shall provide a Historic Heritage Plan (HHP) to the Canterbury Regional Council: Attention: Regional Leader Compliance Monitoring Consent Authority Manager. A copy of the HHP shall be provided to the Heritage Team Leader of the Christchurch City Council or by email to rcmon@ccc.govt.nz.
28. The purpose of the HHP is to compile a list identifying those features and materials from the 1887 Akaroa Wharf and abutment which are proposed for salvage and demonstrate how these may be reused or installed into the replacement wharf.
29. The HHP shall include, but not be limited to, the following:
- A timeframe for removal and reuse or installation of heritage fabric from the 1887 wharf into the replacement wharf.
 - A list of those features and materials from the 1887 wharf which are proposed for salvage and reuse, and identification (such as through design plans) as to the location for the reinstallation of these features and materials into the replacement wharf.
 - Endeavours to facilitate the provision of removed material and fittings from the 1887 wharf to: local institutions or contractors for infrastructure projects; the Akaroa Museum for their collection; the local Akaroa community.
 - Identify the methodology for removal and storage, and proposed storage location of only those materials/features sought to be reused or installed into the replacement wharf.
30. Within 20 days of the opening of the replacement wharf for public access, the consent holder shall provide a photographic record to the Canterbury Regional Council: Attention: Regional Leader Compliance Monitoring Consent Authority Manager. A copy of the photographic record shall also be provided to the Heritage Team Leader of the Christchurch City Council or by email to rcmon@ccc.govt.nz.
31. That record shall adhere to the following requirements:
- Photographs of each external elevation showing as much of the elevation in each image as possible, at the closest distance possible which also allows for general identification of architectural features. Short range photographs showing details of building features should also be submitted.
 - The same camera positions should be used for all photo sets before, during and after the works to enable comparison where practical.
 - Photos should be labelled with a brief description of what is being photographed, position on site or in relation to the site, date and photographer's name, and submitted as individual image files, with a plan showing photograph locations.

Tangata Whenua

32. In the event of any accidental discovery of archaeological material (including kōiwi (human remains)) the consent holder must immediately:
- Cease earthmoving operations in the affected area and mark off the affected area;
 - Advise the Canterbury Regional Council of the disturbance; and
 - Advise Heritage New Zealand Pouhere Taonga (HNZPT) of the disturbance.

Advice Note: *Affected area means the whole or any part of any site known or reasonably suspected to be an archaeological site, and which could be disturbed or otherwise impacted by any works.*

Advice Note: *This condition may be in addition to any agreements that are in place between the consent holder and the Papatipu Rūnanga. (Cultural Site Accidental Discovery Protocol (Attachment CRC244631A)).*

Advice Note: *The consent holder is aware that the site is identified as a Heritage site in relation to the Heritage New Zealand Pouhere Taonga Act 2014 and has obtained prior authority of Heritage New Zealand Pouhere Taonga.*

Advice Note: *Te Hapu o Ngāti Onuku (Onuku Rūnanga) do not support discharge of contaminants, such as flocculants to water or land where contaminants may enter water. This should be considered in the construction phase and particularly sediment and erosion controls.*

33.
 - If accidentally discovered material is suspected to be Kōiwi Tangata (human bones), taonga (treasured artefacts) or a Māori archaeological site:
 - the Consent Holder must immediately advise the office of the Kaitiaki Rūnanga (office contact information can be obtained from the Canterbury Regional Council) of the discovery; and
 - the nature of the material must be confirmed by a qualified archaeologist appointed by the Kaitiaki Rūnanga and HNZPT.
 - If the archaeological material is determined to be Kōiwi Tangata (human bones) by a qualified archaeologist, the consent holder must:
 - immediately advise the New Zealand Police of the disturbance;
 - consult with the Kaitiaki Rūnanga on any matters of tikanga (protocol) that are required in relation to the discovery and prior to the commencement of any investigation; and
 - treat the area with utmost discretion and respect and manage the kōiwi in accordance with both statutory obligations under the HNZPT Act 2014 and tikanga, as guided by the Kaitiaki Rūnanga.
 - Works in the site area must not recommence until authorised by the Kaitiaki Rūnanga, HNZPT (and the NZ Police in the case of kōiwi) and any other authority with statutory responsibility, to ensure that all statutory and cultural requirements have been met.
34. If accidentally discovered material is not suspected or confirmed to be Kōiwi Tangata (human bones), taonga (treasured artefacts) or a Māori archaeological site, work may recommence once Heritage New Zealand Pouhere Taonga Trust advises the consent holder that work can recommence.

Construction Spills and Hazardous Substances

35.
 - a. All practicable measures must be undertaken to prevent oil and fuel leaks from vehicles, vessels, and machinery;
 - b. Refuelling of machinery and vehicles where practicable must not occur within 20 metres of the Coastal Marine Area, and must be supervised throughout the whole activity; and
 - c. If bunkering (refuelling) is to occur over the Coastal Marine Area, the vessel must maintain a spill kit capable of absorbing the quantity of fuel transferred. The Consent Holder must provide notification to Canterbury Regional Council of any bunkering activity 12 hours prior to being undertaken for any quantity larger than 50 litres.

Advice Note: The bunkering notification form can be found on the Environment Canterbury Website <https://www.ecan.govt.nz/do-it-online/harbourmasters-office/commercial-shipping/fuel-tanker-arrivals-notification>

36.
 - a. All refuelling equipment must have shut-off valves.
 - b. The storage of fuel and other hazardous substances not otherwise subject to specific bunding, containment and management as contained in the CEMP pursuant to Condition (9)(b) and (9)(e) must not occur within 20 metres of the Coastal Marine Area, and must be stored securely.
 - c. All vehicles and works areas must have a spill kit capable of absorbing the quantity of fuel stored and other hazardous substances that may leak or be spilt.
 - d. Spill containment equipment must be immediately available and kept on site at all times
37. The Consent Holder must immediately inform the Regional On-Scene Commander – Marine Oil Spills of a leak or spill of a hazardous substance into the coastal marine area. Within 24 hours of the spill the consent holder must provide the Consent Authority Manager with the following information:
 - a. Clean up the spill as soon as practicable, inspect and clean the spill area, and take measures to prevent a recurrence.
 - b. Inform the Canterbury Regional Council, Attention: Regional Leader Compliance Monitoring, as soon as possible of a spill event and provide the following information:
 - 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 effect of the spill; and
 - vii. measures to be undertaken to prevent a recurrence.

Following the Completion of Works

38. Erosion and sediment control measures must not be decommissioned until any flowable materials have been stabilised/cured or removed from the site. Decommissioning the measures must be undertaken in the following order:
 - a. Any visible debris, litter, sediment and hydrocarbons shall be removed from all sediment control measures and disposed at a suitable facility; and
 - b. Erosion and sediment control measures shall be removed.
39. The Consent Holder must remove all spoil and other waste material from the site on completion of works.
40. The Consent Holder must submit to the Canterbury Regional Council, Attention: Regional Leader - Compliance Monitoring within:
 - a. 20 working days of the completion of the works consented under Condition (1)(a) to (1d) of this resource consent:

- i. all as built design plans of the piles, wharf platform and pontoons installed;
 - ii. a certificate signed by a CPEng or CMEngNZ with Coastal Structure and construction experience confirming that the installed piles, gangway, pontoons and wharf platform comply with the conditions of this resource consent;
 - iii. a statement signed by the CPEng or CMEngNZ confirming that they are competent to certify the engineering work;
- b. 60 working days of the completion of the works consented under Condition (1)(a) to (1)(i) of this resource consent:
 - i. a certificate by a Chartered Professional Engineer confirming that the structure has been constructed in accordance with the design plans.

Maintenance and Inspection

- 41. All structures erected, extended, or placed in or on the foreshore or seabed during the exercise of the consent must be maintained to a standard where they will continue to function as designed for the duration of the consent.
- 42. The Consent Holder must complete visual inspection of the structural integrity of all structures erected, extended or placed in or on the foreshore or seabed during the exercise of this consent at the following minimum frequency:
 - a. At least once in the first year and every 5 years thereafter completion of the structure; and
 - b. Within one month of any extreme coastal storm event, defined as 1:100-year storm event or greater.
- 43. Records associated with the results of the visual inspections carried out in accordance with Condition (41), and any proposed maintenance, including proposed timeframes, identified as a result of the inspection are to be maintained by the Consent Holder and are to be provided to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring (via ECInfo@ECan.govt.nz) upon request.

Complaints Register

- 44. The Consent Holder must maintain a Complaints Register for any complaints received during construction works. The Complaints Register must include:
 - a. The date and time the complaint was received;
 - b. The nature and location of where the complaint has originated, if provided;
 - c. A summary of the complaint; and
 - d. Any corrective action undertaken by the Consent Holder to avoid, remedy or mitigate the issue raised.

Canterbury Regional Council – Coastal Permit (Section 12) Piles and Gangway occupation – Consent B1 Black Cat Support Piles and Gangway

Akaroa Wharf – Black Cat Support Piles and Gangway

Coastal Permit (S12):	To occupy the Coastal Marine Area at Akaroa Wharf as associated with piles and access.
Expiry Date:	35 Years after the date of commencement
Location:	Akaroa Wharf, Akaroa Harbour at or about map reference NZTM 2000: 1596809 mE, 5149328 mN

Coastal Permit (S12):

Limits

1. The activity associated with the use and occupation of piles and gangway at or about map reference NZTM 2000: 1596809 mE, 5149328 mN must be limited to:

- a. The occupation of the Coastal Marine Area.

Within the Coastal Marine Area at Beach Road Akaroa, at or about map reference NZTM 2000: 1596809 mE, 5149328 mN, as shown on Plan CRCXXXXXX which forms part of this resource consent

Maintenance and Inspection

2. All structures erected, extended, or placed in or on the foreshore or seabed associated the exercise of the consent must be maintained to a standard where they will continue to function as designed for the duration of the consent.
3. The Consent Holder must complete visual inspection of the structural integrity of all structures erected, extended or placed in or on the foreshore or seabed during the exercise of this consent at the following minimum frequency:
 - a. At least once in the first year and every 5 years thereafter completion of the structure; and
 - b. Within one month of any extreme coastal storm event, defined as 1:100-year storm event or greater.
4. Records associated with the results of the visual inspections carried out in accordance with Condition (3), and any proposed maintenance, including proposed timeframes, identified as a result of the inspection are to be maintained by the Consent Holder and are to be provided to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring (via ECInfo@ECan.govt.nz) upon request.
5. If the structures erected, extended, or placed in or on the foreshore or seabed associated the exercise of the consent are damaged beyond repair by coastal processes then the consent holder shall remove the structure.
6. The Canterbury Regional Council may, once per year, on any of the last five working days of May or November serve notice of its intention to review the conditions of this consent for the purposes of dealing with any adverse effect on the environment which may arise from the exercise of this consent and which it is appropriate to deal with at a later stage.

Canterbury Regional Council – Coastal Permit (Section 12) Piles and gangway occupation – Consent B2 Blue Pearl Support Piles and Gangway

Akaroa Wharf – Blue Pearl Support Piles and Gangway

Coastal Permit (S12):	To occupy the Coastal Marine Area as associated with piles and access.
Expiry Date:	35 Years after the date of commencement
Location:	Akaroa Wharf, Akaroa Harbour at or about map reference NZTM 2000: 1596778 mE, 5149337 mN

Coastal Permit (S12):

Limits

1. The activity associated with the use and occupation of piles and gangway at or about map reference NZTM 2000: 1596778 mE, 5149337 mN must be limited to:

- a. The occupation of the Coastal Marine Area.

Within the Coastal Marine Area at Beach Road Akaroa, at or about map reference NZTM 2000: 1596778 mE, 5149337 mN, as shown on Plan CRCXXXXXX which forms part of this resource consent.

Maintenance and Inspection

2. All structures erected, extended, or placed in or on the foreshore or seabed associated the exercise of the consent must be maintained to a standard where they will continue to function as designed for the duration of the consent.
3. The Consent Holder must complete visual inspection of the structural integrity of all structures erected, extended or placed in or on the foreshore or seabed during the exercise of this consent at the following minimum frequency:
 - a. At least once in the first year and every 5 years thereafter completion of the structure; and
 - b. Within one month of any extreme coastal storm event, defined as 1:100-year storm event or greater.
4. Records associated with the results of the visual inspections carried out in accordance with Condition (3), and any proposed maintenance, including proposed timeframes, identified as a result of the inspection are to be maintained by the Consent Holder and are to be provided to the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring (via ECInfo@ECan.govt.nz) upon request.
5. If the structures erected, extended, or placed in or on the foreshore or seabed associated the exercise of the consent are damaged beyond repair by coastal processes then the consent holder shall remove the structure.
6. The Canterbury Regional Council may, once per year, on any of the last five working days of May or November serve notice of its intention to review the conditions of this consent for the purposes of dealing with any adverse effect on the environment which may arise from the exercise of this consent and which it is appropriate to deal with at a later stage.

Canterbury Regional Council – Coastal Permit (Section 12) Akaroa boat ramp reclamation area

Akaroa boat ramp reclamation area, dredging and spoil area

Coastal Permit (S12):	Occupation for the reclamation associated with the Akaroa boat ramp, including: disturbance (dredging) and deposition of spoil in the coastal marine area to form and maintain a navigation channel and berth pocket; installation of training walls and training wall piles (2 – 4 steel piles (610mm)).
Expiry Date:	30 months after the date of commencement. <i>Being 18 months after the date of commencement for construction activities, plus 12 months after the cessation of construction activities for rehabilitation of the reclamation area.</i>
Location:	Akaroa boat ramp, Akaroa Harbour at or about map reference NZTM 2000: 1597355 mE, 5150128 mN.

Coastal Permit (S12):

1. The activities in the coastal marine area shall be limited to:
 - a. The construction of a reclamation for the establishment of a temporary landing ramp, including installation of training walls and training wall piles (2 – 4 steel piles (610mm)) in accordance with Condition 2;
 - b. Dredging and deposition of sand and other natural material in order to form an approximately 90 metre long by 30 metre wide channel at or about NZTM 2000: 1597317 mE, 5150152 mN to connect to the existing channel which facilitates access to the Children's Bay slipway, being an area not exceeding 1,400m² with total in-situ dredge volume of 1500m³ during that period specified in Condition 3;
 - c. The deposition of material associated with (b) side cast to the south forming a temporary mound;
 - d. The disturbance of the foreshore and seabed including excavation and removal of sand and other natural material associated with (a), (b) and (c); and
 - e. The discharge of sediment associated with the activities specified by (a), (b) and (c).

Within the Coastal Marine Area at Rue Brittan Akaroa, at or about map reference NZTM 2000: 1597355 mE, 5150128 mN, as shown on Plan CRCXXXXXX which forms part of this resource consent.

2. The temporary piles associated with the training wall (to guide barge loading and unloading) at or about map reference NZTM 2000: 1597355 mE, 5150128 mN must be constructed by installation of maximum 610mm diameter steel piles driven below the seabed using a crane-mounted vibratory, percussive or bored rig in accordance with Plan CRCXXXXXB.

Restrictions on Works

3. The disturbance and deposition of the foreshore under Condition (1)(b) shall cease after a duration not exceeding 14 months from the date at which the works authorised by this consent commence. The Consent Holder must provide to the Canterbury Regional Council, Attention: Regional Leader, Monitoring and Compliance written notification within 20 working days of the cessation of disturbance and deposition as authorised by this consent.

4. The location of the works authorised in Condition (1) shall be at Childrens Bay, Akaroa, as shown on Plan CRCXXX, attached to and forming part of this consent, and the reclamation area above Mean High Water Springs shall only be located within the envelope shown on Plan CRCXXX, attached to and forming part of this consent.
5. A Seagrass Management Plan prepared by a suitably qualified expert shall be provided to Canterbury Regional Council, Attention: Regional Leader, Monitoring and Compliance written notification within 20 working days of works commencing for certification, identifying:
 - (a) areas for the temporary stockpile of dredged material and confirmation of separation from established seagrass beds.
 - (b) measures of protection (such as silt fences) against the longshore transport of sediment plumes.
 - (c) monitoring to identify the avoidance of sediment plumes to an extent that would significantly affect established seagrass beds.

Advice Note: *The Management Plan required by Condition 5 can be contained as an individual section within the overall Construction Environment Management Plan.*
6. The only material deposited on, or removed from, the seabed and foreshore shall be that material excavated in accordance with this consent.
7. All practicable measures shall be undertaken to minimise adverse effects on property, amenity values, wildlife, vegetation and ecological values, as well as disturbance of the foreshore and seabed outside of the areas of excavation and deposition shown in attached plan CRCXXX.
8. The reclamation and training wall piles under Condition (1) shall be removed from the Coastal Marine Area after a duration not exceeding 14 months from the date at which the infrastructure under Condition 1(a) is operationally accessible. The Consent Holder must provide to the Canterbury Regional Council, Attention: Regional Leader, Monitoring and Compliance written notification within 20 working days of the removal of the reclamation and training wall piles, in accordance with the rehabilitation requirements pursuant to Condition (9 and 11).

Rehabilitation Plan

9. At least one month prior to the commencement of works under this consent, the Consent Holder shall provide a Reclamation Rehabilitation Plan (**RRP**) to the Consent Authority Manager. A copy of the RRP shall be provided to Te Hapu o Ngāti Onuku (Onuku Rūnanga).
10. The purpose of the RRP is to naturalise that area where the reclamation is removed so that the visual impacts are minimised and natural character values are restored to their current level, including the removal of all spoil and other waste material from the site on completion of works.
11. The RRP shall include, but not be limited to, the following:
 - a. A timeframe for completing the removal of the reclamation and restoration of natural character being no later than 12 months after the cessation of construction activities.
 - b. Details of materials to be used.
 - c. A plan or cross-section to illustrate the restored levels of beach profile and materials to that existing.
 - d. Details illustrating as needed, that only locally sourced material is used to ensure that the restoration remains visually sympathetic with the surrounding beach, and rock substrate.

Construction and Environment Management Plan

12. The Consent Holder must prepare and implement a CEMP which clearly sets out the measures to be undertaken to comply with the conditions of this consent. The CEMP must be submitted (via ECinfo@ecan.govt.nz) to the Canterbury Regional Council: Attention: Regional Leader Monitoring and

Compliance at least ten (10) working days prior to construction works commencing (excluding those associated with site laydown and establishment where these do not extend into the Coastal Marine Area) and must be adhered to by the Consent Holder. The CEMP must include but not be limited to:

- a. A map showing the location of all works;
- b. Procedures for managing contaminants used on site;
- c. An Erosion and Sediment Control Plan (ESCP) prepared in accordance with Canterbury Regional Council Erosion and Sediment Control Toolbox;
- d. A programme of works including an indicative timeframe;
- e. Specific measures to avoid adverse effects, including:
 - i. the management of spills;
 - ii. application of a Marine Mammal Management Plan and Marine Mammal Monitoring, including designating a suitably qualified and experienced Marine Mammal Observer (MMO) to identify within a 300m MMOZ for cetaceans (inclusive of Hector's Dolphins) and 20m MMOZ for fur seals during Pile Driving which can be contained as an individual section within the MMMP required and certified in accordance with CRCXXXXXX [Main Akaroa Wharf];
- f. Construction noise and vibration controls;
- g. Site notices to inform the public of the works and direct people safely to alternative routes as necessary;
- h. Procedures for Accidental Discovery Protocol;
- i. A Tier 1 Marine Oil Response Plan in accordance with Marine Protection Rules, Part 130B. To be submitted to the Harbourmasters Office (via harbourmaster@ecan.govt.nz);
- j. Procedures for the management of marine biosecurity during construction, including the following as contained within a Biosecurity Management Plan (BMP) as prepared by a suitably qualified person who is experienced in managing the risk of biosecurity incursions and must be adhered to by the Consent Holder. The BMP must include:
 - i. a description of the structures, machinery and vessels and their attributes that may affect risk, including key operation of the structures, machinery and vessels;
 - ii. a description of the key sources of potential marine biosecurity risk;
- k. Procedures to ensure that all waste and materials are accounted for, and rapid remedial actions for any accidental release of material into the Coastal Marine Area; and
- l. Mitigation/contingency measures for the use of machinery over soft substrates including means to distribute loads for the avoidance of machinery becoming lodged in the intertidal substrate.

Advice Note: *The Construction and Environment Management Plan required by Condition 12 can be contained and certified as an individual section within the Construction Environment Management Plan required and certified in accordance with CRCXXXXXX [Main Akaroa Wharf], including requirements around Marine Mammal Management.*

13.
 - a. The CEMP must be certified by the Canterbury Regional Council, Attention: Regional Leader – Compliance Monitoring (via ECinfo@ecan.govt.nz) acting in a technical Certification capacity prior to works authorised by this consent first commencing, and the Consent Holder must undertake all activities authorised by this consent in accordance with the approved CEMP.
 - b. Where the CEMP has been provided to the Canterbury Regional Council in accordance with Condition (12), including but not limited to lodgement by the Consent Holder to the Canterbury Regional Council exceeding 10 working days in advance of construction works commencing, it will be considered that the CEMP has been approved pursuant to Condition (13)(a) where the Regional Leader - Compliance Monitoring (via ECinfo@ecan.govt.nz) acting within its technical Certification role has not responded within 10 working days.
14. The CEMP may be amended at any time. Any amendments must be:
 - a. Only for the purpose of improving the efficacy of the proposed works;
 - b. Consistent with the conditions of this resource consent; and
 - c. Submitted in writing to the Canterbury Regional Council: Attention: Regional Leader Monitoring and Compliance prior to any amendment being implemented.

Reclamation Construction

15. In addition to the requirements relating to the preparation and lodgement of an Erosion and Sediment Control Plan (ESCP) under Condition 12(c), the ESCP shall evaluate and identify if a sediment curtain is to be installed during construction of the reclamation.
16. The seaward faces of reclamation shall be properly protected at all times by appropriate means to avoid a level of damage that will threaten integrity of the reclamation structure and shall include appropriate filter layers in such a way that minimises migration of fines to open coastal water.
17. The reclamation shall be designed by a suitably experienced Chartered Professional Engineer in accordance with the conditions of this consent and in a manner that is consistent with: current best practice and accounting for the function, timeframe and purpose of the reclamation.

During Works

18. Works must:
 - a. Not be carried out on, Sundays or on public holidays; or
 - b. Impact piling will only occur between the hours of 7:30am and 6:00pm inclusive Monday to Saturday and shall be undertaken in accordance with a Construction Noise and Vibration Management Plan.

Advice Note: *The Consent Holder should also check compliance with District Council Regulations.*
19. There must be no construction related machinery or plant located on the seabed or foreshore at times when construction work is not occurring on the seabed or foreshore.
20. All practicable measures must be undertaken to minimise the presence of vehicles and machinery on the seabed and foreshore.
21. The protection of the harbour from introduced biosecurity threats is a significant concern as this threat can impact the mauri of the harbour ecosystem. Therefore:
 - a. All vessels used in the repair, construction and maintenance of the wharf must follow an approved biosecurity management plan as of Condition (12)(j); and
 - b. All material used in the establishment of the reclamation (including geotextile, granular fill and rip rap protection) must be new or terrestrially sourced (rather than used / relocated from marine environments outside of Akaroa Harbour) and free of plants and plant seeds.
22. To prevent the spread of pest species, and as set out in any Biosecurity Management Plan under Condition (7)(j) the Consent Holder must ensure that all construction activities authorised by this consent are undertaken in accordance with the Biosecurity New Zealand's hygiene procedures and that machinery must be free of plants and plant seeds prior to use.

Advice Note: *The most current version of these procedures from the Biosecurity New Zealand website <http://www.biosecurity.govt.nz>*
23. Any material removed from the site during the works that is potentially or confirmed as contaminated, must be disposed of at a facility authorised to receive such material.

Tangata Whenua

24. In the event of any accidental discovery of archaeological material (including kōiwi (human remains)) the consent holder must immediately:
 - a. Cease earthmoving operations in the affected area and mark off the affected area;
 - b. Advise the Canterbury Regional Council of the disturbance; and

- c. Advise Heritage New Zealand Pouhere Taonga (HNZPT) of the disturbance.

Advice Note: *Affected area means the whole or any part of any site known or reasonably suspected to be an archaeological site, and which could be disturbed or otherwise impacted by any works.*

Advice Note: *This condition may be in addition to any agreements that are in place between the consent holder and the Papatipu Rūnanga. (Cultural Site Accidental Discovery Protocol (Attachment CRC244631A)).*

Advice Note: *The consent holder is aware that the site is identified as a Heritage site in relation to the Heritage New Zealand Pouhere Taonga Act 2014 and has obtained prior authority of Heritage New Zealand Pouhere Taonga.*

Advice Note: *Te Hapu o Ngāti Onuku (Onuku Rūnanga) do not support discharge of contaminants, such as flocculants to water or land where contaminants may enter water. This should be considered in the construction phase and particularly sediment and erosion controls.*

25. a. If accidentally discovered material is suspected to be Kōiwi Tangata (human bones), taonga (treasured artefacts) or a Māori archaeological site:
- i. the Consent Holder must immediately advise the office of the Kaitiaki Rūnanga (office contact information can be obtained from the Canterbury Regional Council) of the discovery; and
 - ii. the nature of the material must be confirmed by a qualified archaeologist appointed by the Kaitiaki Rūnanga and HNZPT.
- b. If the archaeological material is determined to be Kōiwi Tangata (human bones) by a qualified archaeologist, the consent holder must:
- i. immediately advise the New Zealand Police of the disturbance;
 - ii. consult with the Kaitiaki Rūnanga on any matters of tikanga (protocol) that are required in relation to the discovery and prior to the commencement of any investigation; and
 - iii. treat the area with utmost discretion and respect and manage the kōiwi in accordance with both statutory obligations under the HNZPT Act 2014 and tikanga, as guided by the Kaitiaki Rūnanga.
- c. Works in the site area must not recommence until authorised by the Kaitiaki Rūnanga, HNZPT (and the NZ Police in the case of kōiwi) and any other authority with statutory responsibility, to ensure that all statutory and cultural requirements have been met
26. If accidentally discovered material is not suspected or confirmed to be Kōiwi Tangata (human bones), taonga (treasured artefacts) or a Māori archaeological site, work may recommence once Heritage New Zealand Pouhere Taonga Trust advises the consent holder that work can recommence.

Construction Spills and Hazardous Substances

27. a. All practicable measures must be undertaken to prevent oil and fuel leaks from vehicles, vessels, and machinery;
- b. Refuelling of machinery and vehicles where practicable must not occur within 20 metres of the Coastal Marine Area, and must be supervised throughout the whole activity; and
- c. If bunkering (refuelling) is to occur over the Coastal Marine Area, the vessel must maintain a spill kit capable of absorbing the quantity of fuel transferred. The Consent Holder must provide notification to Canterbury Regional Council of any bunkering activity 12 hours prior to being undertaken for any quantity larger than 50 litres.

Advice Note: *The bunkering notification form can be found on the Environment Canterbury Website <https://www.ecan.govt.nz/do-it-online/harbourmasters-office/commercial-shipping/fuel-tanker-arrivals-notification>*

28.
 - a. All refuelling equipment must have shut-off valves.
 - b. The storage of fuel and other hazardous substances not otherwise subject to specific bunding, containment and management as contained in the CEMP pursuant to Condition (9)(b) and (9)(e) must not occur within 20 metres of the Coastal Marine Area, and must be stored securely.
 - c. All vehicles and works areas must have a spill kit capable of absorbing the quantity of fuel stored and other hazardous substances that may leak or be spilt.
 - d. Spill containment equipment must be immediately available and kept on site at all times.
29. The Consent Holder must immediately inform the Regional On-Scene Commander – Marine Oil Spills of a leak or spill of a hazardous substance into the coastal marine area. Within 24 hours of the spill the consent holder must provide the Consent Authority Manager with the following information:
 - a. Clean up the spill as soon as practicable, inspect and clean the spill area, and take measures to prevent a recurrence.
 - b. Inform the Canterbury Regional Council, Attention: Regional Leader Compliance Monitoring, as soon as possible of a spill event and provide the following information:
 - 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 effect of the spill; and
 - vii. measures to be undertaken to prevent a recurrence.

Christchurch City Council (Land use consent above MHWS)

General

1. The activity shall proceed in accordance with the information and plans submitted with the application. The Approved Consent Documentation has been entered into Council records as RMA/XXXX/XXXX (XX pages).

Deconstruction and Construction

2. The consent holder shall, at least ten (10) working days prior to the construction activities commencing at the site, notify rcmon@ccc.govt.nz that works are to commence.
3. The consent holder shall, no later than one month after the replacement wharf is accessible by the public, submit in writing to envresourcemonitoring@ccc.govt.nz notice of the completion of the activity authorised by this consent.

Management Plans

4. The following Management Plans are required to be prepared, submitted and implemented as associated with the following works:
 - i. Construction Traffic Management Plan (CTMP).
 - a. Pursuant to Conditions 9 below a CTMP is required extending to demolition and construction activities for: the Akaroa Wharf; the Akaroa boat ramp and Recreation ground Laydown area 1; Laydown Area 2 and Bruce Slipway – Temporary Vehicle Staging Area.
 - b. The **objective** of the CTMP is to reference the combination of measures necessary during demolition and construction works to minimise as far as is reasonably practicable impacts on traffic capacity and road users; and maintain the security, safety and reliability of the adjoining transport network, including identification and provision of safe pedestrian access during works.
 - ii. Contamination Site Management Plan (CSMP)
 - a. Pursuant to Condition 12 below a CSMP is required for any Demolition works which disturb the soil on the site, the partial removal of the abutment, and top soil stripping for Laydown Area 1.
 - b. The **objective** of the CSMP is to reference the combination of measures necessary when undertaking the proposed works to establish and manage actual or potential contamination risks to the following, and associated land and ground water contamination are adequately managed:
 - (i). The health of workers;
 - (ii). The on-site environment; and
 - (iii). The off-site environment.
 - iii. Construction and Environment Management Plan (CEMP).
 - a. Pursuant to Condition 18 below a CEMP is required for **both** the Akaroa Wharf and the Akaroa boat ramp / Recreation ground Laydown area.
 - b. The **objective** of the CEMP is to ensure that any potential effects arising from construction activities on the site are effectively managed.
 - iv. Erosion and Sediment Control Plan (ESCP)
 - a. Pursuant to Condition 20 below an ESCP is required for the Akaroa Wharf.
 - b. The **objective** of the ESCP is to identify the measures that will be implemented to minimise erosion and subsequent sediment loss from the site as a result of soil disturbing activities.
 - v. Construction Noise and Vibration Management Plan (CNVMP)
 - a. Pursuant to Condition 30 below a CNVMP is required for works is required that extends to **both** the Akaroa Wharf and the Akaroa boat ramp / Laydown Area 1.
 - b. The **objectives** of the CNVMP are to:
 - (i) Identify and require the adoption of the best practicable options to minimise construction noise and vibration effects and to ensure compliance with the project

noise and vibration conditions, including, but not limited to those set out in Condition 27 and 28.

- (ii) Address the requirements of Annex E of NZS 6803:1999 Acoustics – Construction Noise and include sections on communication with the occupants of the nearest sites, responding to complaints, and noise monitoring as a minimum.

vi. Temporary Protection Plan (TPP) – Heritage

- a. Pursuant to Condition 33 below, a TPP is required for works associated with heritage fabric and settings above the MWHS mark as associated with Akaroa Wharf and Beach Street Bridge.
- b. The **objective** of the TPP is to identify potential risks and outline mitigation measures to safeguard adjoining heritage fabric during the demolition of the 1887 Akaroa wharf and abutment and construction of the replacement wharf, ensuring the avoidance of damage or loss of significance for adjoining historic heritage including the notated heritage setting and heritage items within and adjoining Britomart Reserve.

5. No less than ten (10) working days prior to the commencement of construction works associated with this consent the consent holder must submit a CTMP, CEMP, CNVMP and TPP to the Council, Attn: Team Leader Compliance and Investigations for certification via email to rcmon@ccc.govt.nz. The CTMP, CEMP, CNVMP and TPP is to be certified by the Team Leader or their nominee as meeting the relevant objective of Condition 4 prior to the commencement of any construction work and, once certified, the CTMP, CEMP, CNVMP and TPP will thereafter form part of the Approved Consent Document.

NOTE: *The Team Leader (or their nominee) will either certify, or refuse to certify, the CTMP, CSMP, CEMP, CNVMP and / or TPP within 10 working days of receipt. Should the Team Leader (or their nominee) refuse to certify the CTMP, CEMP, CNVMP and / or TPP, then they will provide a letter outlining why certification is refused based on the parameters contained in this condition.*

Should the Team Leader (or their nominee) refuse to certify the CTMP, CSMP, CEMP, CNVMP and / or TPP, the consent holder must submit a revised Management Plan to the Resource Consents Manager for certification. The certification process must follow the same procedure and requirements as outlined in Conditions 6 and 7.

6. The CTMP, CSMP, CEMP, CNVMP and TPP may be amended at any time by the Consent Holder. Any amendments to the CTMP, CSMP, CEMP, CNVMP and TPP must be submitted by the Consent Holder to the Council for certification. Any amendments to the CTMP, CSMP, CEMP, CNVMP and TPP must be:
- a. for the purposes of improving the measures outlined in the CTMP, CSMP, CEMP, CNVMP and TPP for achieving the Management Plan objectives (see condition 4); and
 - b. consistent with the conditions of this resource consent.

If the amended CTMP, CSMP, CEMP, CNVMP and TPP is certified, then it becomes the certified CTMP, CSMP, CEMP, CNVMP and TPP for the purposes of Condition 5 and will thereafter form part of the Approved Consent Document.

7. Should the Team Leader (or their nominee) refuse to certify the CTMP, CSMP, CEMP, CNVMP and TPP, the consent holder must submit a revised CTMP, CSMP, CEMP, CNVMP and TPP to the Resource Consents Manager for certification. The certification process must follow the same procedure and requirements as outlined in Condition 5.

Traffic

8. The applicant must provide written evidence by way of email to rcmon@ccc.govt.nz, that they can lawfully undertake works within legal road corridors prior to establishing laydown areas or carrying out works on roads in the vicinity of wharf worksites.

Note: *A Work Access Permit will be required to demonstrate the above and can be applied for by way of a Corridor Access Request through the following web portal: <http://www.myworksites.co.nz>*

9. Pursuant to Condition 4(i) all works associated with the Akaroa Wharf demolition and construction works and the Akaroa boat ramp / Recreation ground Laydown area, including conveying construction materials to Akaroa by road must be subject to a Construction Traffic Management Plan (CTMP). The CTMP must be prepared by a suitably qualified person and submitted for acceptance prior to the commencement of demolition on the site. No works are to commence until the CTMP has been accepted and installed.
10. The CTMP must be submitted to the Christchurch City Council (as road controlling authority) via the web portal www.myworksites.co.nz. To submit a CTMP a Corridor Access Request (CAR) must also be submitted. A copy of the accepted CTMP and CAR must be supplied to the Council's resource consent monitoring team (via email to rcmon@ccc.govt.nz) at least 3 working days prior to the commencement of works under this consent.

Note: Please refer to <https://ccc.govt.nz/transport/legal-road/traffic-management-news-and-information> for more information.

11. The CTMP the subject of condition 9 must include:
- a) The nature and extent of temporary traffic management and how all road users will be managed using temporary traffic management measures.
 - b) Measures to address the recommendations included in the Stantec Transport Assessment report (31 July 2025) for the "Akaroa Main Wharf Replacement Project", including:
 - Site access arrangements (construction laydown and operational areas) and Site traffic management procedures (TTMPs)
 - Travel routes
 - Construction programme and construction activity time restrictions
 - Traffic volumes
 - Management plan for oversize loads (number, locations and transport times)
 - Driver protocols
 - Monitoring
 - Communication and complaints arrangement
 - c) Genuine regard being had to the following as associated with the effective use of the laydown and operational areas during construction:
 - the functionality of boating activities, vehicle circulation and pedestrian movements such that these are not unduly compromised;
 - sufficient clear space for construction vehicles to manoeuvre to and from the laydown and operational areas;
 - laydown and operational areas being set back sufficiently from any adjacent buildings to ensure sufficient manoeuvring space and clear zones/buffers;
 - notification of restricted use and alternative arrangements Akaroa Boat Ramp, Recreation Ground, Main Wharf, and Bruce Slipway;
 - where pedestrian access is not maintained, the provision of suitable pedestrian connections to maintain a connected active modes network;
 - ensuring access is maintained to impacted businesses, otherwise provide a suitable alternative route.
 - d) Measures for activities on any public road to be planned to cause as little disruption, peak traffic delay or inconvenience to road users as practicable without compromising safety.
 - e) Management of site staff parking and staff vehicle demand.

Contamination

12. Pursuant to Condition 4(ii) all earthworks associated with trenching of Beach Road, the partial removal of the abutment adjoining Akaroa Wharf, and topsoil strip for Laydown Area 1 must be subject to a Contaminated Site Management Plan (CSMP) as prepared by a Suitably Qualified and Experienced

Practitioner and provided to Council by email to rcmon@ccc.govt.nz no later than ten (10) working days prior to the commencement of earthworks. No earthworks are to commence until the CSMP has been accepted and installed.

13. The CSMP the subject of condition 12 must include:
 - i. A site investigation plan to be undertaken prior to the partial removal of the abutment, any trenching works associated with Laydown Area 2 and / or topsoil strip for Laydown Area 1, the objective of this investigation shall be:
 - To identify if remedial actions are required for soil contamination that may exist on site.
 - To determine the appropriate disposal location/facility for soil that may need to be removed offsite.
 - ii. Stockpiling procedures and controls
 - iii. The process for the handling and disposal of contaminated soil.
 - iv. Environmental controls to prevent the discharge of contaminants from the site
 - v. Documentation requirements to verify the soil has been handled and disposed of correctly.
14. All areas identified in the site investigation report as exceeding the NES standards (undertaken pursuant to Condition 13(i) that exceed the relevant human health soil contaminant standards for commercial/industrial and recreation land use respectively, the soil in identified areas must be remediated or managed in accordance with the MfE Contaminated Land Management Guidelines.
15. The Council must be notified at least ten (10) working days prior to the commencement of earthworks. The notification must be emailed to rcmon@ccc.govt.nz.
16. All contaminated soils removed from the site that are not be suitable to be disposed of at a cleanfill facility must be disposed of at a facility whose waste acceptance criteria permit the disposal.
17. The consent holder must submit evidence (i.e. weighbridge receipts or waste manifest) of the disposal of surplus soils from the site to an authorised facility to the Council, by email to rcmon@ccc.govt.nz, no later than 20 working days following this disposal the completion of earthworks on site.

Construction Management

18. Pursuant to Condition 4(iii) all proposed works must be carried out in accordance with an accepted Construction and Environment Management Plan (**CEMP**). The CEMP must be prepared by a suitably qualified and experienced practitioner.
19. The CEMP must include, but not be limited to the following:
 - a. Site description, topography, surface cover, soils and other reference information;
 - b. Details of proposed works;
 - c. Roles and responsibilities, including contact details for the site manager appointed by the Consent Holder;
 - d. Site establishment;
 - e. Programme and timing of works (including any staging required);
 - f. Reference to the CTMP prepared under Condition 3 and explicit reference of the provision of safe pedestrian routes.
 - g. Storage of fuel and/or lubricants and any handling procedures;
 - h. Contingency plans (including use of spill kits);
 - i. Environmental compliance monitoring and reporting.
 - j. All works being under the control of a nominated and suitably qualified engineer.
20. Pursuant to Condition 4(iv) earthworks must be carried out in accordance with a site-specific Erosion and Sediment Control Plan (**ESCP**) prepared by a suitably qualified and experienced professional, which follows the best practice principles, techniques, inspections and monitoring for erosion and sediment

control contained in Environment Canterbury's Erosion and Sediment Control Toolbox for Canterbury <http://esc.canterbury.co.nz/>. The ESCP must be held on site at all times and made available to the Council on request.

21. The consent holder must notify Christchurch City Council no less than three (3) working days prior to earthworks associated with trenching in Laydown Area 2, or the partial demolition of the abutment, or topsoil removal for Laydown Area 1 to which the ESCP relates commencing, (via email to rcmon@ccc.govt.nz) of the earthworks start date and the name and contact details of the site supervisor. The consent holder must at this time also provide confirmation of the installation of ESCP measures as per the plan referred to in Condition 1 above.
22. Run-off must be controlled to prevent muddy water flowing, or earth slipping, onto neighbouring properties, legal road (including kerb and channel), or into the coastal marine area. Sediment, earth or debris must not fall or collect on land beyond the site or enter the Council's stormwater system. All muddy water must be treated, using at a minimum the erosion and sediment control measures detailed in the site-specific Erosion and Sediment Control Plan, prior to discharge to the Council's stormwater system.

Note: For the purpose of this condition muddy water is defined as water with a total suspended solid (TSS) content greater than 50mg/L.

23. Earthworks associated with trenching and / or demolition of the abutment must not commence until the relevant ESCP has been implemented on site. The ESCP measures must be maintained over the period of the earthworks or until the site is stabilised (i.e. no longer producing dust or water-borne sediment). The ESCP must be improved if initial and/or standard measures are found to be inadequate.
24. Dust emissions must be appropriately managed within the boundary of the construction area in compliance with the Regional Air Plan. Dust mitigation measures such as water carts, sprinklers or polymers must be used on any exposed areas. The roads to and from the site, and the site entrance and exit, must remain tidy and free of dust and dirt at all times.
25. Any surplus or unsuitable material from the project works, such as spoil from the abutment, removed from site shall be disposed at a facility authorised to receive such material.
26. Any public road, shared access, footpath, landscaped area or service structure that has been damaged, by the persons involved with the development or vehicles and machinery used in relation to the works under this consent, must be reinstated as specified in the Construction Standard Specifications (CSS) at the expense of the consent holder and to the satisfaction of the Council.
27. The earthworks must be under the control of a nominated and suitably qualified engineer.

Construction Noise and vibration

28. Construction noise shall be measured and assessed in accordance with New Zealand Standard NZS 6803:1999 "Acoustics - Construction Noise" and shall comply with the following noise limits at any occupied building as far as reasonably practicable.

Day	Period	dB L _{eq}	dB L _{Amax}
Weekdays	0630 – 0730	55	75
	0730 – 1800	70	85
	1800 – 2000	65	80
	2000 – 0630	45	75
Saturdays	0730 – 1800	70	85
	1800 – 0730	45	75
Sundays and public holidays	0730 – 1800	55	85
	1800 – 0730	45	75

29. Construction vibration shall be measured and assessed in accordance with German Standard DIN 4150-3:2016 “Vibrations in buildings – Part 3: Effects of vibration on structures” and comply with the limits in Tables 1 and 4
30. Pursuant to Condition 4(v), all noise emitting works must be carried out in accordance with an accepted Construction Noise Vibration Management Plan (**CNVMP**).
31. No less than 10 working days prior to works commencing, excluding those associated with site laydown and establishment, the Consent Holder shall provide to the Christchurch City Council rcmon@ccc.govt.nz a Construction Noise and Vibration Management Plan (**CNVMP**). The purpose of the CNVMP is to ensure noise and vibration is effectively managed in accordance with the best practicable option at all times. The CNVMP shall include, but not be limited to the following:
 - a) A nominated person responsible for implementing the CNVMP
 - b) Applicable conditions relating to noise and vibration.
 - c) Identification potentially affected receiver locations, including in relation to impact pile driving.
 - d) An activity risk analysis for each phase, including quantification of noise and vibration levels.
 - e) Machinery and equipment to be used, including mitigation measures associated with the following:
 - a. The use of temporary acoustic barriers wherever practicable, as associated with screening any demolition, excavator, crane, or concrete works on land; and
 - b. Management measures for noise and vibration, including scheduling, and specific triggers or thresholds for implementing them in relation to piling operations.
 - c. Reduction of noise from piling, including consideration of the following:
 - (i) Use of non-metallic dolly between the hammer and the driving helmet if driving steel piles;
 - (ii) Enclosing, or partially enclosing the driving system for hammer piling in an acoustic shroud;
 - (iii) Screening any ancillary noise sources with an acoustics barrier (e.g generators, compressors, pumps, concrete mixing.
 - f) Noise and / or vibration monitoring during identified stages.
 - g) Training of staff on how to minimise noise and vibration.
 - h) Procedures for communication with the occupiers of all buildings surrounding the site.
 - i) Procedures for the receipt, management and response to any complaints received about noise and vibration.
32. The CNVMP must be prepared by a suitably qualified person (e.g., MASNZ).

Heritage - Temporary Protection Plan

33. Pursuant to Condition 4(vi):
 - a. the storage of materials, workers building, construction related vehicle movements and / or temporary use of the Wharfingers Office as associated with Laydown Area 2, and / or

- b. construction related vehicle movements associated with the Beach Road Laydown area and Beach Street bridge,

must be carried out in accordance with an accepted Temporary Protection Plan (**TPP**). The TPP is to be confined to the Laydown Area 2 and Beach Street bridge only. The TPP must be prepared by a suitably qualified and experienced practitioner.
- 34. The TPP must include, but not be limited to the following:
 - a. Identification of potential risks to the Heritage fabric during the proposed storage, laydown and vehicle movements associated with the demolition and / or construction of the replacement wharf as associated with Laydown Area 2 and Beach Street bridge. This is to include:
 - i. protections for the Beach Street bridge to avoid damage from construction vehicles;
 - ii. protections for the interface with the Wharfingers Office and the Britomart reserve (as demarcated by the metal link barrier) not exceeding a separation distance from the heritage fabric requiring protection of 500mm.
 - b. Determination of specific mitigation measures to reduce, eliminate or mitigate the identified risks as identified in (a) above, taking into account the necessity for an efficient and effective construction programme.
- 35. The consent holder, and all persons exercising this resource consent, shall ensure that all personnel undertaking works as associated with Laydown Area 2 and vehicle movements associated with the Beach Street bridge are made aware of the consent conditions, the TPP, and the approved consent plans, during the induction process and for the duration of the works. A copy of these documents shall remain on site at all times. The consent holder shall carry out all works in accordance with the certified TPP referred to in Condition 34 above.
- 36. The Site Manager (as identified in Condition 16(c) will notify by email the Heritage Team Leader, Christchurch City Council (or nominee) when the initial setup of the TPP as required under Condition 34 has been implemented and inspected on site, including providing photographs showing any required protection(s) are in place, before proposed storage, laydown and vehicle movements associated with the demolition and / or construction of the replacement wharf as associated with the Laydown Area 2 and Beach Street bridge commences. The Site Manager shall then regularly monitor the TPP to ensure that appropriate measures are being taken by the contractors at each stage of the construction and advise contractors if any additional protection is required.

Cultural

- 37. An accidental discovery protocol (ADP) must be in place during all earthworks to deal with archaeological finds and protect the interests of mana whenua. This condition does not constitute a response under the Heritage New Zealand Pouhere Taonga Act (HNZPT 2014). Refer **Appendix 1** – Accidental Discovery Protocol.

Advice Notes:

This resource consent will **lapse five years from the date it is issued** unless it is given effect to (i.e. the activity is established) before then. Application may be made under Section 125 of the Resource Management Act 1991 to extend the period for giving effect to the resource consent, and this must be submitted prior to the consent lapsing.

Monitoring will be carried out to ensure the conditions are complied with and that the development proceeds in accordance with the plans and details which were submitted with the application.

The Council will require payment of its administrative charges in relation to monitoring, under section 36 of the Resource Management Act 1991. The monitoring programme administration fee and initial inspection fee will

be charged to the applicant with the consent processing costs. If more than one inspection, or additional monitoring activities (including those relating to non-compliance with conditions), are required, the additional time will be invoiced to the consent holder when the monitoring is carried out, at the applicable hourly rate. The current monitoring charges are outlined on the Resource Management Fee Schedule.

This resource consent has been processed under the Resource Management Act 1991 and relates to District planning matters only. You will also need to comply with the requirements of the Building Act 2004 and any other legislative requirements (including but not limited to Environment Canterbury Regional Plans, health licence, liquor licence, archaeological authority, certificate of title restrictions such as covenants, consent notices, encumbrances, right of way or easement restrictions, landowner approval where required).

Discovery of Unforeseen Contamination

In the event that soils are found to have visible staining, odours and/or other conditions that indicate soil contamination, then any such soils removed from the site during the course of the activity must be disposed of to a facility authorised to accept the material.

Archaeology

The consent holder is aware that the wider site is an archaeological site as defined and protected under the provisions of the Heritage New Zealand Pouhere Taonga Act 2014. An Authority from Heritage New Zealand is required for any work that affects or may affect an archaeological site.

APPENDIX 1

Accidental Discovery Protocol

Appendix 1 – Accidental Discovery Protocol

PRIOR TO COMMENCEMENT OF ANY WORKS, A COPY OF THIS ADP SHOULD BE MADE AVAILABLE TO ALL CONTRACTORS WORKING ON SITE.

Purpose

This Accidental Discovery Protocol (ADP) sets out the procedures that must be followed in the event that taonga (Māori artefacts), burial sites/kōiwi (human remains), or Māori archaeological sites are accidentally discovered. The Protocol is provided by Ōnuku Rūnanga. Ōnuku Rūnanga are the representative body of the tangata whenua who hold mana whenua in the proposed area.

Background

Land use activities involving earthworks have the potential to disturb material of cultural significance to tangata whenua. In all cases such material will be a taonga, and in some cases such material will also be tapu. Accidental discoveries may be indicators of additional sites in the area. They require appropriate care and protection, including being retrieved and handled with the correct Māori tikanga (protocol).

Under the *Heritage New Zealand Pouhere Taonga Act 2014*, an archaeological site is defined as any place associated with pre-1900 human activity, where there is material evidence relating to the history of New Zealand. It is unlawful for any person to destroy, damage or modify the whole or any part of an archaeological site (known or unknown) without the prior authority of the Heritage New Zealand Pouhere Taonga (HNZPT). This is the case regardless of the legal status of the land on which the site is located, whether the activity is permitted under the District or Regional Plan or whether a resource or building consent has been granted. The HNZPT is the statutory authority for archaeology in New Zealand.

Note that this ADP does not fulfil legal obligations under the Heritage New Zealand Pouhere Taonga Act 2014 regarding non-Māori archaeology. Please contact the HNZPT for further advice.

Immediately following the discovery of material suspected to be a taonga, kōiwi or Māori archaeological site, the following steps shall be taken:

- A. All work on the site will cease immediately.
- B. Immediate steps will be taken to secure the site to ensure the archaeological material is not further disturbed.
- C. The contractor/works supervisor/owner will notify the Kaitiaki Rūnanga and the Area Archaeologist of the HNZPT. In the case of kōiwi (human remains), the New Zealand Police must be notified.
- D. The Kaitiaki Rūnanga and HNZPT will jointly appoint/advise a qualified archaeologist who will confirm the nature of the accidentally discovered material.
- E. If the material is confirmed as being archaeological, the contractor/works supervisor/owner will ensure that an archaeological assessment is carried out by a qualified archaeologist, and if appropriate, an archaeological authority is obtained from HNZPT before work resumes (as per the *Heritage New Zealand Pouhere Taonga Act 2014*).

- F. The contractor/works supervisor/owner will also consult the Kaitiaki Rūnanga on any matters of tikanga (protocol) that are required in relation to the discovery and prior to the commencement of any investigation.
- G. If kōiwi (human remains) are uncovered, in addition to the steps above, the area must be treated with utmost discretion and respect, and the kōiwi dealt with according to both law and tikanga, as guided by the Kaitiaki Rūnanga.
- H. Works in the site area shall not recommence until authorised by the Kaitiaki Rūnanga, the HNZPT (and the NZ Police in the case of kōiwi) and any other authority with statutory responsibility, to ensure that all statutory and cultural requirements have been met.
- I. All parties will work towards work recommencing in the shortest possible time frame while ensuring that any archaeological sites discovered are protected until as much information as practicable is gained and a decision regarding their appropriate management is made, including obtaining an archaeological authority under the *Heritage New Zealand Pouhere Taonga Act 2014* if necessary. Appropriate management may include recording or removal of archaeological material.
- J. Although bound to uphold the requirements of the Protected Objects Act 1975, the contractor/works supervisor/owner recognises the relationship between Ngāi Tahu whānui, including its Kaitiaki Rūnanga, and any taonga (Māori artefacts) that may be discovered.

IN DOUBT, STOP AND ASK; TAKE A PHOTO AND SEND IT TO THE HNZPT ARCHAEOLOGIST

Contact Details

HNZPT Archaeologist: (03) 357 9615 archaeologistcw@historic.org.nz
HNZPT Southern Regional Office (03) 357 9629 infosouthern@historic.org.nz
HNZPT Māori Heritage Advisor (03) 357 9620 mhadvisorcw@historic.org.nz

Rūnanga:

Ōnuku Rūnanga: Office 03 381 2082, Marae 03 304 7607, onuku@ngaitahu.iwi.nz