
RESOURCE CONSENT CRC175509

Pursuant to Section 104 of the Resource Management Act 1991

The Canterbury Regional Council (known as Environment Canterbury)

| | |
|-------------------------|--|
| GRANTS TO: | Lyttelton Port Company Limited |
| A COASTAL PERMIT (S15): | To discharge construction phase stormwater into water, or onto or into land, in the coastal marine area. |
| COMMENCEMENT DATE: | 23 Jan 2018 |
| EXPIRY DATE: | 08 Dec 2052 |
| LOCATION: | Coastal marine area at Lyttelton Port, Lyttelton |

SUBJECT TO THE FOLLOWING CONDITIONS:

0 DEFINITIONS

“**BPEZ**” means the Battery Point Exclusion Zone

“**CEMP**” means the Construction and Environmental Management Plan;

“**Certification**” means that the Erosion and Sediment Control section of the CEMP meets all the requirements set out in the conditions of this resource consent;

“**Consent Authority Manager**” means the Canterbury Regional Council, Attention: Regional Leader Monitoring and Compliance;

“**Construction Stormwater**” means the discharge of stormwater from any part of the reclamation prior to sealing of the surface and the installation and operation of a stormwater system for that part.

“**ESC**” means the Erosion and Sediment Control section of the Construction and Environmental Management Plan;

“**Stabilised**” means an area inherently resistant to erosion such as rock (excluding sedimentary rocks), or rendered resistant to erosion by the application of aggregate, geotextile, vegetation or mulch.

“**Tangata Whenua**” means Te Hapū o Ngāti Wheke (Rāpaki) and Te Rūnanga o Ngāi Tahu;

“**TSS**” means Total Suspended Solids.

General

- 1 The discharge of Construction Stormwater into water, or onto or into land, in the Coastal Marine Area shall be from the construction of a reclamation at Te Awaparahi Bay, Lyttelton Harbour/Whakaraupo, as shown on Plan CRC175509, attached to and forming part of this consent.
- 2 The stormwater discharges shall only be:
 - a. Onto or into land in the Coastal Marine Area;
 - b. Into coastal water from one location on the eastern edge of the Stage One reclamation area; and
 - c. Into coastal water from up to three locations on the eastern edge of the Stage Two reclamation area via outfall pipes located no closer than 30 metres from the nearest point of the Battery Point Exclusion Zone, as shown on Map 10.11 of the Regional Coastal Environment Plan for the Canterbury Region, attached to and forming part of this consent.
- 3 The stormwater discharge system(s) that discharge to coastal water shall be designed to achieve a Total Suspended Solids (TSS) concentration of 170mg/L at the point of discharge for all rainfall events up to and including the 1 in 20-year storm event for Lyttelton Harbour/Whakaraupo.
- 4 Stormwater discharges to coastal water shall not give rise to the production of conspicuous oil or grease films, or floatable materials further than 100 metres from the discharge point in any direction.
- 5 Sediment, and any material or debris contained in the stormwater shall be intercepted and as far as practicable removed before stormwater discharges to coastal water.
- 6 A copy of this consent and the most up-to-date certified version of the ESC section of the CEMP shall be kept on site at all times and made available to all persons undertaking activities authorised by this consent.

Construction and Environmental Management Plan (CEMP)

- 7 At least one month prior to the exercise of this consent, the Consent Holder shall update the Erosion and Sediment Control (ESC) section of the CEMP, and provide the updated ESC section to the Consent Authority Manager.
- 8 The purpose of the ESC section of the CEMP shall be to manage discharge of stormwater to minimise propagation of sediment plumes in coastal water as far as practicable.
- 9 To achieve the purpose, the ESC section of the CEMP shall include, but not be limited to:
 - a. Erosion and sediment control measures to minimise the discharge of sediment-laden stormwater into the Coastal Marine Area, including:
 - i. Diversion measures to prevent sediment and water entering the site from off-site areas;

- ii. Stabilisation of roads within reclamation area to minimise potential for sediment erosion and offsite tracking of sediment;
- iii. Use of silt curtains around Battery Point as required by Consent CRC175507; and
- iv. Installing treatment measures that reduce sediment concentrations in the stormwater prior to discharge.

b. Methods to manage the discharge of stormwater, such as:

- i. Maximising infiltration through the reclamation surface;
- ii. Diversion and treatment of stormwater collected across the reclamation surface;
- iii. Dedicated soakage areas;
- iv. Perimeter diversion measures to intercept water upstream of the site and reduce the stormwater runoff volume; and
- v. Catch drains around the perimeter of the site.

- 10 The sediment removal measures implemented through the CEMP may be removed once the site has been stabilised.

Certification and Amendment of CEMP

- 11 The ESC section of the CEMP shall be approved in writing by the Consent Authority Manager acting in a technical Certification capacity prior to discharges authorised by this consent first commencing, and the Consent Holder shall undertake all activities authorised by this consent in accordance with the approved ESC section of the CEMP.
- 12 The ESC section of the CEMP may be amended at any time. Any amendment of the ESC section of the CEMP shall be to achieve the purpose of the ESC section of the CEMP, and shall be approved in writing by the Consent Authority Manager acting in a technical Certification capacity. The Consent Holder shall undertake all activities authorised by this consent in accordance with the amended ESC section of the CEMP.
- 13 A copy of the ESC section of the CEMP and all amendments to the ESC section shall be provided to Tangata Whenua immediately following Certification.

Monitoring

- 14 When construction works are being undertaken and a discharge into coastal water is occurring, the Consent Holder shall when practicable complete a visual inspection including taking photographs of the working reclamation face from a suitably elevated position (such as Old Sumner Road above Battery Point) during and immediately following any rainfall events exceeding 20 millimetres in depth (where it is safe to do so) to monitor the presence and extent of discernible sediment plumes. The Consent Holder shall keep records of visual inspections, including photographs, for the duration of consent and these shall be provided to the Consent Authority on request.

- 15 If stormwater discharge occurs from the stormwater outlet(s), the Consent Holder shall collect no less than four times each year a sample of stormwater discharging from each stormwater outlet. Samples shall be tested for Total Suspended Solids and compared against Condition (3). If more than ten continuous samples comply with Condition (3), the Consent Holder thereafter may sample twice per year (if discharge from the stormwater outlet(s) occurs).
- 16 In the event that a discharge sample collected in accordance with Condition (15) exceeds the Total Suspended Solids concentration limit in Condition (3) the following shall occur:
- a. The Consent Holder shall implement any management practices required to reduce the Total Suspended Solids concentration of the discharge;
 - b. As soon as practicable, the Consent Holder shall collect a discharge sample to reassess for compliance with Condition (3).
- 17 All sampling required under this consent shall be undertaken by a suitably qualified person who has completed appropriate training.
- 18 Any laboratory testing and analysis of samples required by virtue of the monitoring requirements of this resource consent shall be carried out by an organisation and laboratory accredited by International Accreditation New Zealand (IANZ) for the tests and analyses involved.

Reporting

- 19 The Consent Holder shall prepare an Annual Report that sets out the results of stormwater discharge monitoring completed in accordance with Conditions (14) to (16) and any additional management practices implemented to reduce the Total Suspended Solids concentration of the discharge. A copy of this report shall be provided to the Consent Authority Manager within 30 days of completion of the report.

Complaints

- 20 The Consent Holder shall maintain a Complaints Register for the purpose of recording and dealing with any complaints that are received by the Consent Holder in relation to the exercise of this resource consent. The Complaints Register shall record, where this information is available:
- a. The location of the reported stormwater nuisance;
 - b. The date and time of the complaint;
 - c. A description of weather conditions when the complaint occurred;
 - d. Any possible cause of the stormwater complaint;
 - e. Any corrective action taken to address the cause of the complaint, including the timing of that corrective action; and
 - f. Name of complainant, if offered.
- 21 A record of complaints shall be provided to the Consent Authority Manager by the 30 April each year or upon request.

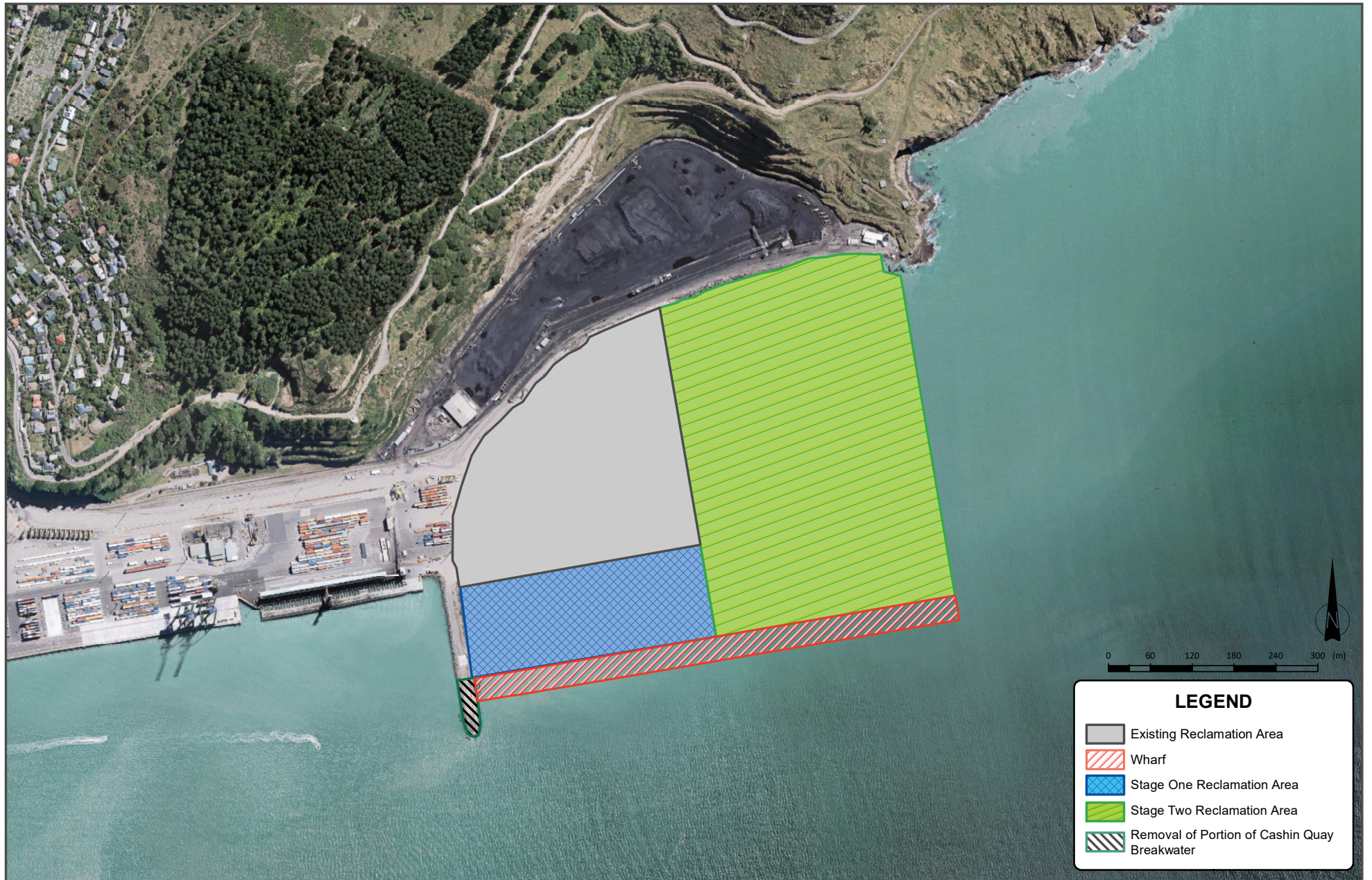
Administration

- 22 The Canterbury Regional Council may annually, during the last five working days of May or October, serve notice of its intention to review the conditions of this consent for the purposes of:
- a. Dealing with any adverse effect on the environment which may arise from the exercise of the consent; or
 - b. Requiring the Consent Holder to adopt the best practicable option to remove or reduce any adverse effect on the environment as a result of the exercise of this consent.
- 23 The lapsing date for the purposes of section 125 shall be 31 December 2022.

Advice note: This consent will be activated when rainfall first occurs on the surface of the reclamation above Mean High Water Springs, as this represents a discharge of stormwater "onto land in the Coastal Marine Area" in accordance with Condition 2(a).

Issued at Christchurch on 26 February 2018

Canterbury Regional Council



**Te Awaparahi Bay Reclamation Project
Overall Site Map**

Exercising of resource consent CRC175509

It is important that you notify Environment Canterbury when you first start using your consent.

GRANTED TO: Lyttelton Port Company Limited
A COASTAL PERMIT (S15): To discharge construction phase stormwater into water, or onto or into land, in the coastal marine area.
LOCATION: Coastal marine area at Lyttelton Port, Lyttelton

Even if the consent is replacing a previous consent for the same activity, you need to complete and return this page.

Providing this information will:

- Validate your consent through to its expiry date
- Minimise compliance monitoring charges
- Help provide an accurate picture of the state of the environment.

If consent CRC175509 is not used before 31 Dec 2022 this consent will lapse and no longer be valid.

Declaration:

I have started using this resource consent.

Action taken: (e.g. pasture irrigated, discharge from septic tank/boiler/spray booth etc).

Approximate start date (*Note: this may be different to the date the consent was granted*): _____

Signed: _____ **Date:** _____

Full name of person signing (please print): _____

Please return to:

Environment Canterbury
PO Box 345
Christchurch 8140

File: CRC175509