

9 August 2022



Kaikoura Business Park 2021 Limited
Attn To: Dennis Thompson
PO Box 8177
Riccarton
Christchurch 8440

Customer Services
P. 03 353 9007 or 0800 324 636

200 Tuam Street

PO Box 345
Christchurch 8140

E. ecinfo@ecan.govt.nz

www.ecan.govt.nz

Dear Dennis

Notice of Resource Consent Decision

Record Number(s): CRC221484
Applicant Name: Kaikoura Business Park 2021 Limited
Activity Description: To discharge domestic wastewater to land
Decision: Granted

Decision

The decision of Environment Canterbury is to grant your application on the terms and conditions specified in the attached resource consent document. The reasons for the decision are:

1. Any adverse effects on the environment of the activity will be minor.

Commencement of consent

Your resource consent commences from the date of this letter advising you of the decision.

If you object to or appeal this decision, the commencement date will then be the date on which the decision on the appeal is determined.

Lapsing of consent

This resource consent will lapse if the activity is not established or used before the lapse date of 30 September 2027. If you require more time in which to start the activity you can apply to extend the lapse date provided your request is received by Environment Canterbury before 30 September 2027.

Your rights of objection and appeal

▪ Objection to Decision

If you do not agree with the decision of the consent authority, you may object to the whole or any part in accordance with Section 357A(1)(g) of the Resource Management Act 1991 (RMA). Notice of any objection must be in writing and lodged with Environment Canterbury **within 15 working days** of receipt of this decision in accordance with Section 357C(1) of the RMA.

- **Right to Appeal**

You may appeal the decision of the consent authority to the Environment Court in accordance with section 120 of the RMA. The notice of appeal must be lodged with the Court within 15 working days of receipt of this decision, at PO Box 2069, Christchurch. A copy of the appeal should also be forwarded to Environment Canterbury within the same timeframe.

If you are in any doubt about the correct procedures, you should seek legal advice.

- **Objection to Costs**

Section 357B of the RMA allows you to object to costs. Your objection must be received **within 15 working days** of the date on which you receive your invoice. Your objection must be in writing and should clearly explain the reasons for your objection as detailed in section 357C of the RMA.

Monitoring of conditions

It is important that all conditions of consent are complied with, and that the consent holder continues to comply with all conditions, to ensure that the activity remains lawfully established.

You can find online Information regarding the monitoring of your consent at www.ecan.govt.nz/monitoringconsent.pdf.

Charges, set in accordance with section 36 of the Resource Management Act 1991, shall be paid to the Regional Council for the carrying out of its functions in relation to the administration, monitoring and supervision of resource consents and for the carrying out of its functions under section 35 of the Act.

Further information about your consent

For some activities a report is prepared, with officer recommendations, to provide information to the decision makers. If you require a copy of the report please contact our Customer Services section. You can find online information about your consent document at www.ecan.govt.nz/yourconsent.pdf.

Queries

For all queries please contact Customer Services Section quoting your CRC number noted above.

Thank you for helping us make Canterbury a great place to live.

Yours sincerely



Consents Planning Section

cc:
Baseline Group Limited
Attn To: Thomas Holmes
PO Box 8177
Riccarton
Christchurch 8440

RESOURCE CONSENT CRC221484

Pursuant to Section 104 of the Resource Management Act 1991

The Canterbury Regional Council (known as Environment Canterbury)

GRANTS TO: Kaikoura Business Park 2021 Limited

A DISCHARGE PERMIT (S15): To discharge domestic wastewater to land

COMMENCEMENT DATE: 09 Aug 2022

DATE CONSENT NUMBER ISSUED: 09 Aug 2022

EXPIRY DATE: 09 Aug 2037

LOCATION: 89 Inland Kaikoura Road, Kaikoura

SUBJECT TO THE FOLLOWING CONDITIONS:

General

1

- a. The discharge shall be only domestic wastewater originating from 18 residential allotments with legal descriptions Lot 2 DP 527436, Lot 2 DP 501321, Lot 1 DP 9266, Section 10 SO 3911, Section 2 SO 7129, Section 3 SO 7129, Section 4 SO 7129, Section 5 SO 7129, Section 7 SO 7129 on Plans CRC221484A and CRC221484B, attached to and forming part of this resource consent;
- b. The proposed residential allotments will be served by a low pressure reticulated wastewater network which will discharge to a centralised wastewater treatment system with an adjacent disposal field within the land parcel identified as Lot 19 in the area illustrated on Consent Plan CRC221484A and CRC221484B.

Wastewater Treatment and Disposal

2

- a. The volume of wastewater discharged from the combined 18 residential allotments shall not exceed 36,000 Litres per day.

Advice Note: *The maximum volume of wastewater discharged (36,000 L/day) is based on:*

Each residential lot will produce an average of 1,000 L/day of wastewater, with individual lots potentially peaking at up to 2,000 L/day. Based on a single dwelling with up to 7 bedrooms (with no secondary dwelling)

Each dwelling having an average daily wastewater flow allowance of 2,000 litres per person per day.

- 3 The discharge from each residential allotment shall be from any dwelling that has a maximum of 7 bedrooms (2,000 L/day).
- 4 The wastewater shall be discharged into land only at or about NZTM 1651569 mE, 5303966mN via the land application system labelled on Plans CRC221484A, CRC221484B and CRC221484C attached to and forming part of this consent.
- 5 Prior to discharge to the land application system, the wastewater shall:
 - a. receive secondary treatment in an aerated wastewater treatment system or alternative treatment system which provides the same or better quality treatment; and
 - b. pass through a proprietary effluent filter.
- 6 The wastewater treatment system and land application system shall not include chlorine disinfection.
- 7 After exiting the treatment system, the wastewater shall be pumped to a land application system constructed in accordance with the design shown on Plans CRC221484A, CRC221484B and CRC221484C and the treatment system details outlined in Appendix 6 of the AEE submitted to ECAN on 29 September 2021, attached to and forming part of this resource consent, and as described below:
 - a. A layer of sand, of a grade that meets the performance standards of the test report submitted to ECAN on 27 June 2022 shown on Consent Plan CRC221484C, attached to and forming part of this resource consent, shall be installed beneath the base of the distribution pipes;
 - b. The land application system shall have a minimum area of 720 square metres;
 - c. The layer of graded sand shall be a minimum depth of 600 millimetres;
 - d. The base of the sand layer (as designed in accordance with Plan CRC221484C) shall be a maximum of 900 millimetres below ground level;
 - e. A layer of free draining gravels shall be installed beneath the sand layer (as designed in accordance with Plan CRC221484C) to a depth where free draining in situ soils is intercepted.
- 8 The wastewater shall be evenly dosed over the land application system at a rate not exceeding 50 millimetres per day.
- 9 A fence shall be erected around the perimeter of the land application system, which is sufficient to exclude stock, vehicles and the public
- 10 A minimum depth of 200 millimetres of unsaturated soil shall be maintained at all times between the base of the sand layer (as designed in accordance with Plan CRC221484C) and the highest groundwater level.
- 11 There shall be no ponding of treated or untreated wastewater on the land surface and no overland discharge of treated or untreated wastewater.

- 12 There shall be no discharge:
- a. within 20 metres of any surface water body; and
 - b. to surface water as a consequence of the exercise of this consent.
- 13 There shall be no discharge within 50 metres in any direction, of any authorised and/or existing bores.

Installation

- 14 Within one month of the installation of the treatment and land application system, the consent holder shall provide to the Canterbury Regional Council, Attention Regional Leader - Monitoring and Compliance, the following:
- a. A signed copy of a compliance certificate certifying:
 - i. that the installation of the wastewater treatment system, land application system, any ancillary treatment devices and associated pipework has been installed by a person with at least two years' experience in the installation of such systems; and
 - ii. the installed wastewater treatment system is capable of achieving the treatment standard and separation to groundwater specified in Condition (5) and Condition (10) of this consent; and
 - iii. that the system has been installed in accordance with the conditions of this consent.
 - b. A copy of a signed 'as built plan' which clearly shows the location of the installed wastewater treatment system and land application system, and the separation to property boundaries and surface water bodies; and
 - c. Photographs which show:
 - i. the height of the installed distribution lines relative to ground level; and
 - ii. fencing demarcating the perimeter of the land application system.

Maintenance

- 15 The wastewater treatment and land application system shall be serviced and maintained at least once every twelve months by a qualified person with at least two years' experience in the maintenance of such systems. The maintenance shall include but not be limited to:
- a. Ensuring that the lid(s) of the wastewater treatment system are readily accessible at all times;
 - b. Measuring the depth of solids and scum in the wastewater treatment system(s);
 - c. Pumping out the wastewater treatment tank(s) if the solids and scum layers combined are greater than one half the depth of the wastewater treatment tank(s);
 - d. Removal of the sludge from the base of pump chamber(s) when the sludge is at a maximum depth of 60 millimetres.

- e. A visual inspection of the components outlined in the clauses below:
- i. aeration devices;
 - ii. proprietary effluent filter;
 - iii. electrical parts;
 - iv. audible alarms; and
 - v. the distribution pump
 - vi. Flushing the distribution lines;
 - vii. Inspection of the distribution pipes at the site of the land application system to ensure that they are operating correctly and replacing as required;

16 Within one month of the installation of the wastewater treatment and land application system, the consent holder shall provide to the Canterbury Regional Council, Attention Regional Leader - Monitoring and Compliance, a signed copy of a maintenance contract or agreement. The maintenance contract:

- a. Shall be with the system supplier or an alternative contractor experienced in the maintenance of the wastewater treatment and land application system;
- b. Shall specify details of the maintenance required under Condition (15) of this consent; and
- c. If the contract changes during the duration of this consent, a new contract in accordance with (a) and (b) of this condition shall be forwarded to the Canterbury Regional Council, Attention Regional Leader - Monitoring and Compliance, within one month of the contract being signed.

17 Following every service, a written report shall be prepared and kept by the consent holder. In addition, the consent holder shall keep written records of all repairs made to any part of the wastewater treatment and land application system. The consent holder shall forward a copy of the written reports and records of repairs to the Canterbury Regional Council, Attention Regional Leader - Monitoring and Compliance, on request.

Administration

18 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:

- a. Dealing with any adverse effect on the environment that may arise from the exercise of the consent or
- b. Requiring the adoption of the best practicable option to remove or reduce any adverse effect on the environment.

Advice Note: *On sale of the property, the consent holder shall inform the new property owner of the volume and location of the wastewater discharge, maintenance requirements and the requirement to comply with consent conditions.*

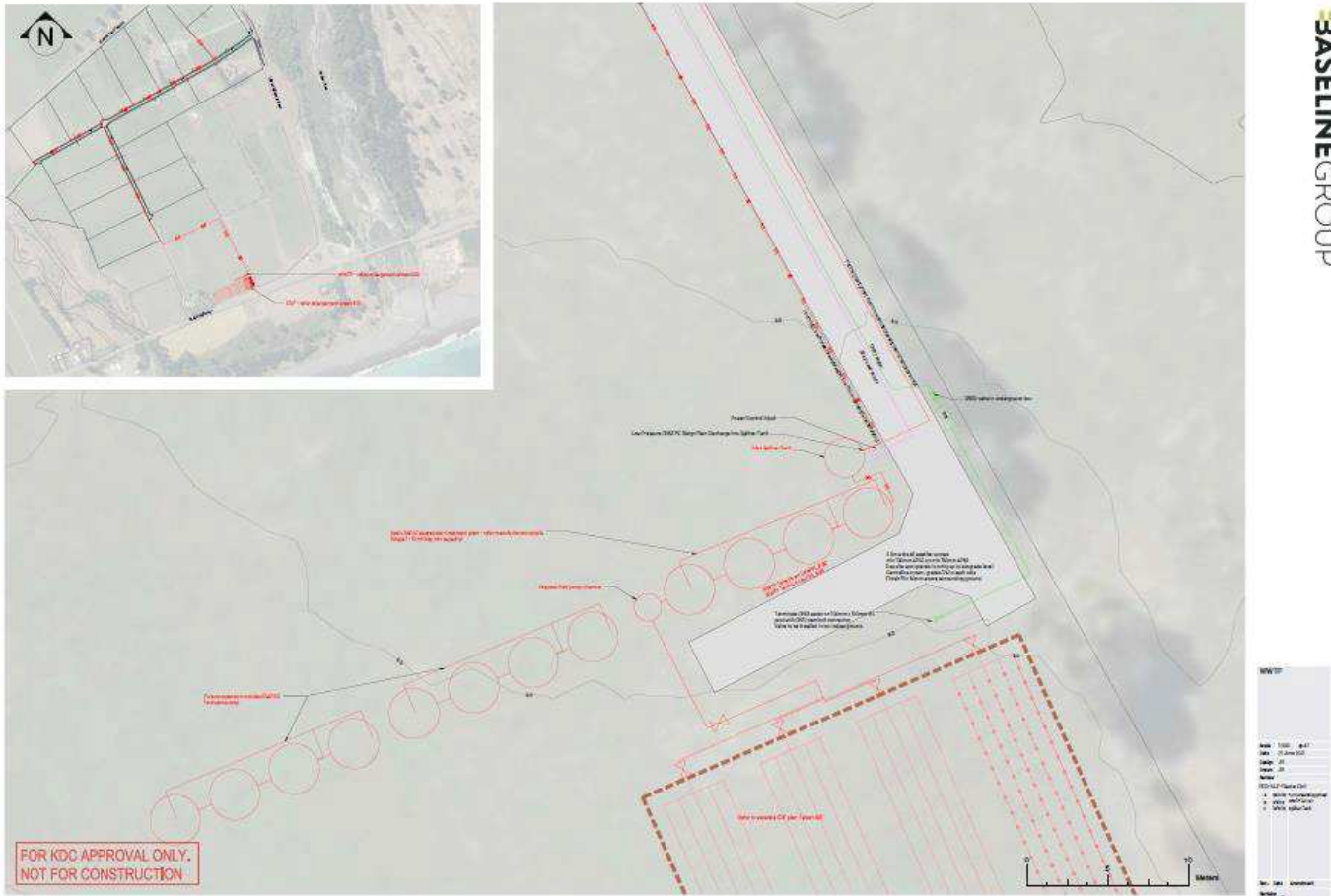
- 19 If this consent is not exercised before 30 September 2027 it shall lapse in accordance with section 125 of the Resource Management Act 1991.

Advice note: *'Exercised' is defined as implementing any requirements to operate this consent and undertaking the activity as described in these conditions and/or application documents.*

Issued at Christchurch on 9 August 2022

Canterbury Regional Council

Plan CRC221484 A – Sewer main of proposed subdivision and location of wastewater disposal field



BASELINEGROUP

Plan CRC221484 C – Sand grade test report

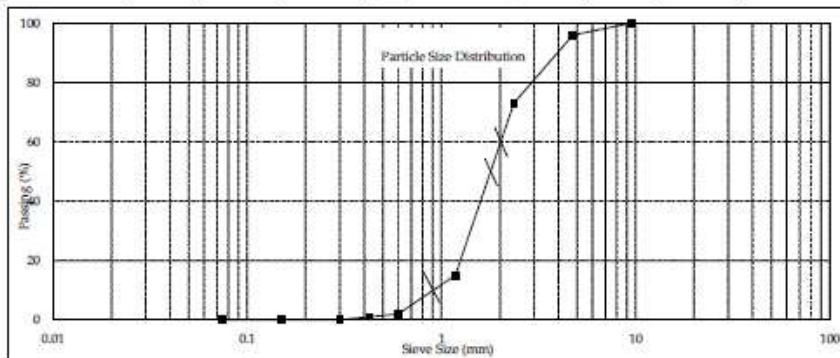
Lab Ref No : 22/943



Civil Engineering Laboratory Services Ltd
 PO Box 1424, Nelson Unit 3/30 Echodale Place Stoke
 Ph 03 547 0110 Mob 027 4457071

PARTICLE SIZE DISTRIBUTION TEST REPORT

| | | | |
|--------------|--------------------|----------------------|----------------|
| Project : | Product Assessment | Date sampled : | 20/06/22 |
| Location : | Kaikoura | Sampling method : | Hand |
| Client : | Mark Fiszenden | Sampled by : | Mark Fiszenden |
| Contractor : | Fiszenden Brothers | Sample description : | 2A Sand |
| Source : | Stoney Creek | Sample condition : | Damp |

| Particle Size Distribution | | |
|--|--------|--------------------|
| Sieve Size (mm) | Sample | Percentage Passing |
| 150 | - | |
| 63 | - | |
| 37.5 | - | |
| 19 | - | |
| 9.5 | 100 | |
| 4.75 | 96 | |
| 2.36 | 73 | |
| 1.18 | 15 | |
| 0.6 | 2 | |
| 0.425 | 1 | |
| 0.3 | 0 | |
| 0.15 | 0 | |
| 0.075 | 0 | |
| <small>% passing for finer sieve is obtained by difference</small> | | |



| | | | |
|---|--|--|--|
| Test Methods Particle Size Distribution | NZS 4407 : 2015 : Test 3.8.1 | Notes $D_{60} = 2.0$ $D_{30} = 1.8$ $D_{10} = 0.9$ | Coefficient of Uniformity (C_u) = $D_{60}/D_{10} = 2.2$ |
| Date tested : 23/06/22 Date reported : 23/06/22 | This report may only be reproduced in full Sampling is not covered by IANZ endorsement | | |
|  Mick Zeewoldt Laboratory Manager IANZ Approved Signatory |  | | All tests reported herein have been performed in accordance with the laboratory's scope of accreditation |
| | | | Page 1 of 1 |

Exercising of Resource Consent CRC221484

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

GRANTED TO: Kaikoura Business Park 2021 Limited
A DISCHARGE PERMIT (S15): To discharge domestic wastewater to land
LOCATION: 89 Inland Kaikoura Road, Kaikoura

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

A consent can only be made active after the activity has commenced and all pre-requisite conditions have been fulfilled e.g. installation of water meter and/or fish screen. If you require further advice, please contact our Customer Services section on 0800 324 636 or by email at ecinfo@ecan.govt.nz.

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 CRC221484 is not used before 30 September 2027 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):

Date I started using this resource consent (Note: this date cannot be in the future): _____

Signed: _____ **Date:** _____

Full name of person signing (please print): _____

Please return to:

**Business Support
Environment Canterbury
PO Box 345
Christchurch 8140**

**Fax: (03) 365 3194
Email: ecinfo@ecan.govt.nz**

**File: CRC221484
Customer No: EC408730**