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# RESOURCE CONSENT CRC212067

*Pursuant to Section 104 of the Resource Management Act 1991*

## The Canterbury Regional Council (known as Environment Canterbury)

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GRANTS TO:	Graham Donald Tamiti Osborne, Jennifer Ruth Osborne
A DISCHARGE PERMIT (S15):	To discharge contaminants to land from an onsite wastewater system.
COMMENCEMENT DATE:	22 Jan 2021
DATE CONSENT NUMBER ISSUED:	22 Jan 2021
EXPIRY DATE:	22 Jan 2036
LOCATION:	798 Longbeach Road, Ashburton

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### ***SUBJECT TO THE FOLLOWING CONDITIONS:***

- 1 The discharge shall be only domestic wastewater originating from a property with legal description Lot 1 DP 23186 located at 798 Longbeach Road, Eiffelton, as shown on Plan CRC212067A, attached to and forming part of this resource consent.

#### **Wastewater Treatment and Disposal**

- 2 The volume of wastewater discharged shall not exceed 1000 Litres per day.
- 3 The discharge shall be only from a single dwelling with a maximum of two bedrooms.
- 4 The wastewater shall be discharged into land only at or about NZTM2000 1494344mE, 5126173mN via the land application system located within the discharge envelope, labelled on Plan CRC212067B, 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 to a land application system constructed in accordance with the design shown on Plan CRC212067C, attached to and forming part of this resource consent, and as described below:

- a. A layer of sand, of a grade that fits within the 2A envelope shown on Diagram One, 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 20 square metres;
  - c. The layer of graded sand shall be a minimum depth of 600 millimetres;
  - d. The base of the 2A sand layer shall be a maximum of 150 millimetres below ground level;
  - e. A layer of free draining gravels shall be installed beneath the 2A sand layer to a depth where free draining in situ soils are intercepted.
- 8 The wastewater shall be evenly dosed over the land application system at a rate not exceeding 50 millimetres per day.
- 9 The perimeter of the land application system shall be fenced or shall be clearly demarcated by vegetation and/or signage and the consent holder shall ensure that there is no activity undertaken on top of the land application system that may cause damage to the disposal system (for example: stock grazing, car parking or deep rooted trees).
- 10 The land application system shall be mounded to ensure a minimum depth of 600 millimetres of unsaturated material is maintained at all times between the base of the distribution lines 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:
- i. A signed copy of a compliance certificate certifying:
    - a. 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
    - b. the installed wastewater treatment system is capable of achieving the treatment standard and separation to groundwater specified in condition (5) and (10) of this consent; and

- c. that the system has been installed in accordance with the conditions of this consent.
- ii. 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
- iii. Photographs which show:
  - a. the height of the installed distribution lines relative to ground level; and
  - b. fencing or signage or vegetation 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 six 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, and cleaning, repairing or replacing as required: (update below as necessary and delete any that aren't required):
    - i. aeration devices;
    - ii. proprietary effluent filter;
    - iii. electrical parts;
    - iv. audible alarms; and
    - v. the distribution pump;
  - f. Flushing the distribution lines;
  - g. 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 31 March 2026 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 22 January 2021**

Canterbury Regional Council

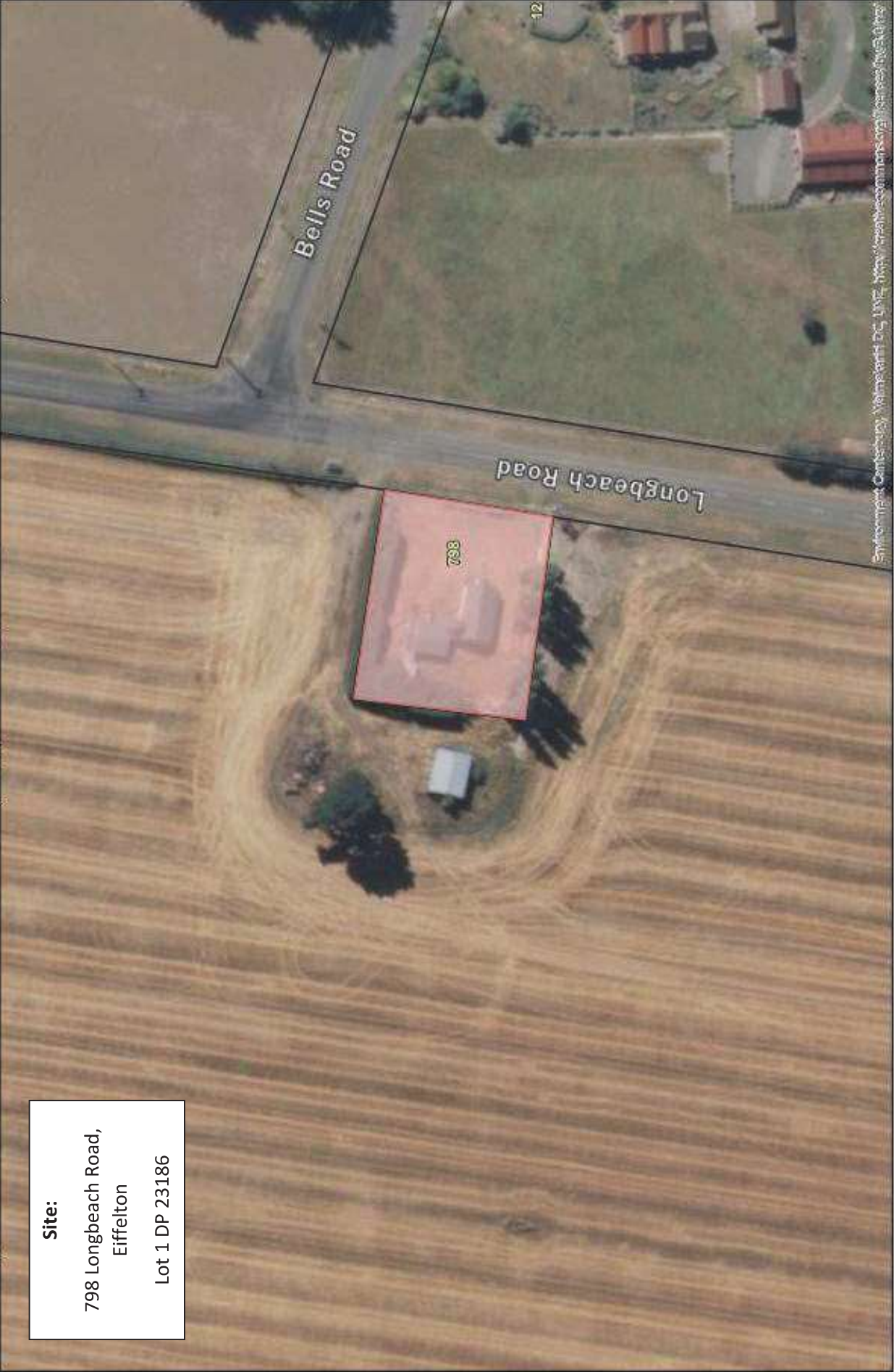


Plan CRC212067A

**Site:**  
798 Longbeach Road,  
Eiffelton  
Lot 1 DP 23186

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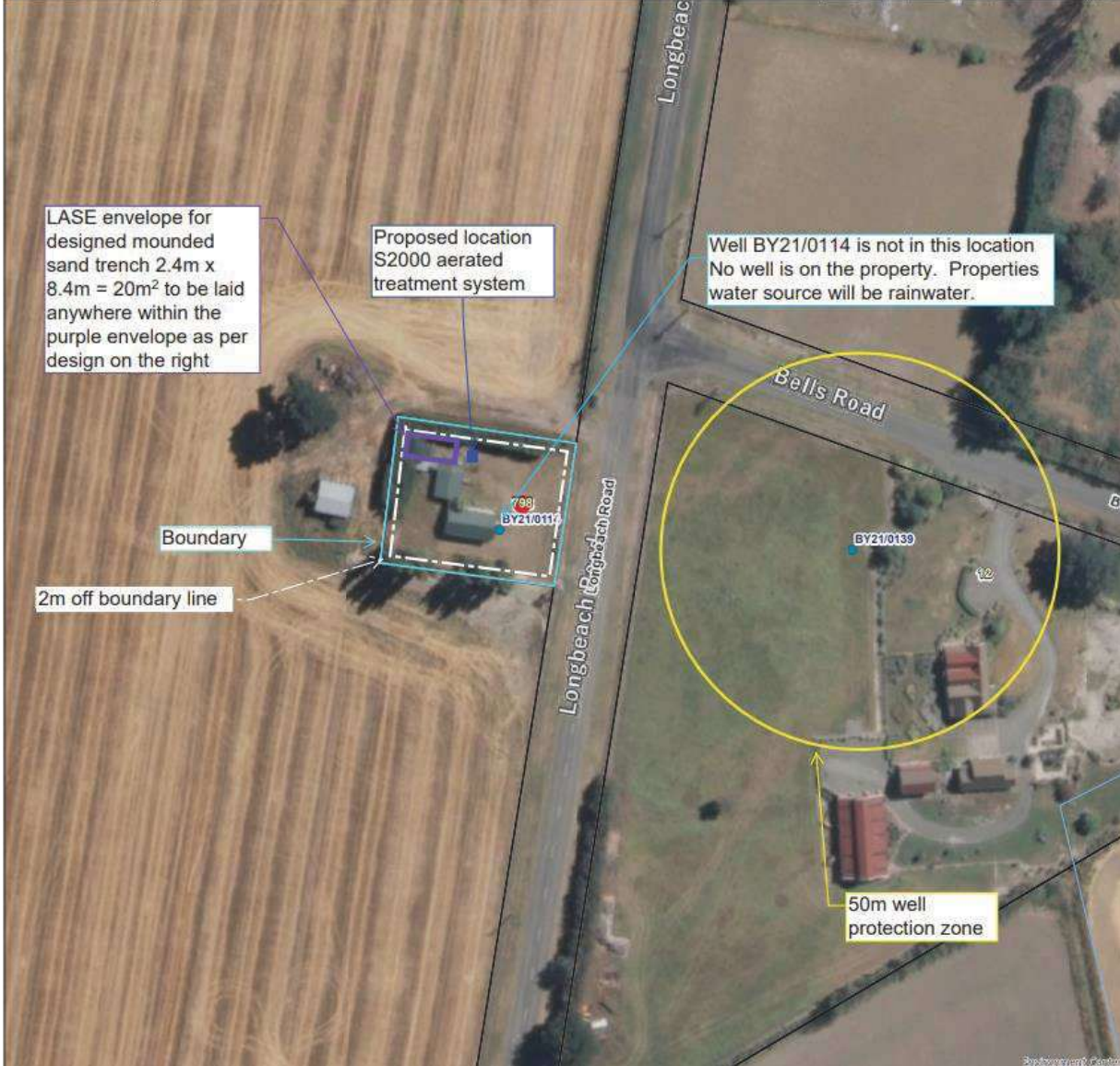


# Plan CRC212067B



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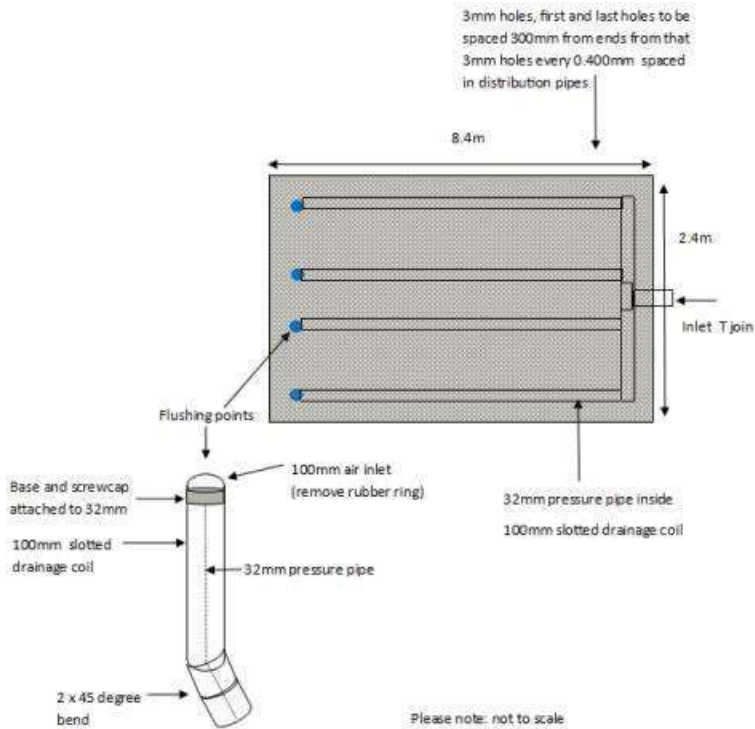
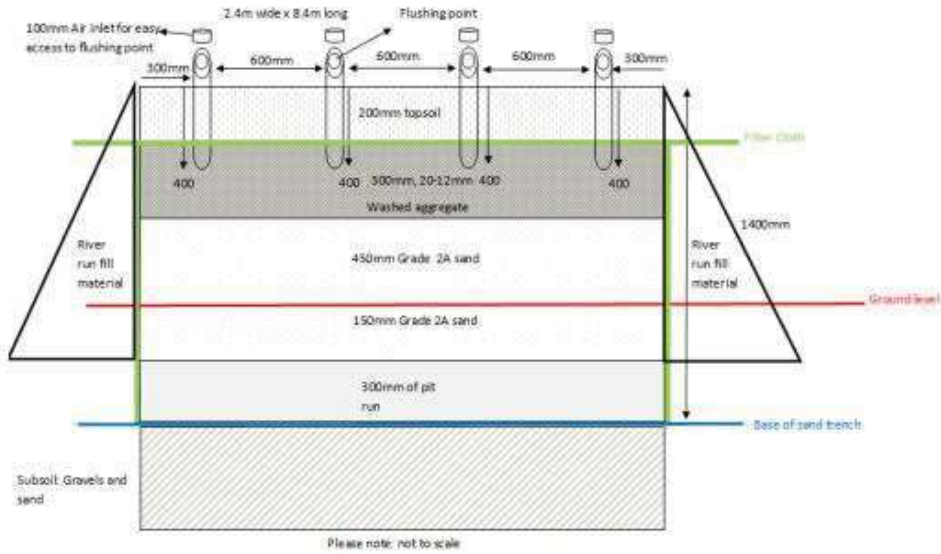


# Plan CRC212067C

## Trench System Design

Sand Trench Size: 2.4m x 8.4m = 20m<sup>2</sup> (4 pipes at 600mm centres)  
 Application Rate: 50mm/day

### Sand Trench Design: 798 Longbeach Road, Eiffelton Ashburton Lot 1 DP 23186



# DIAGRAM ONE

SORTING v MEAN GRAIN SIZE

