

# APPLICATION FOR RESOURCE CONSENT

Section 88 Resource Management Act 1991

To Waimate District Council, PO Box 122, WAIMATE 7960

I (full name)

South Island Resource Recovery Limited

apply for **SUBDIVISION CONSENT**/**LAND USE CONSENT** (circle one or both) as described below:

Names and address of the owner and occupier of the land to which the application relates other than the applicant are: (delete if not applicable)

Murphy Farms Limited

The location of the proposed activity is as follows: (street address, legal description, valuation roll number, etc.)

Lot situated at the intersection of Morven Glenavy Road and Carrolls Road - Lot 2 of Rural

Is the site on which it is proposed to carry out the activity known to be contaminated i.e., is a listed HAIL site (it is identified in the Environment Canterbury contaminated land database), or there is physical, anecdotal or other evidence to suggest that there may be contamination.

**No** Yes Don't know (circle one)

Is the site currently used or has been used in the past for industrial type activities including the manufacture and use of pesticides (i.e. market gardens, orchards, glasshouses); the production of gas and coal products; the production, storage and use of petroleum products (i.e. service stations); mining; timber treatment (i.e. sawmill); and sheep-dipping. **No** Yes Don't know (circle one)

No additional resource consents are needed for the proposed activity or **the following additional resource consents are needed for the proposed activity and have (or have not) been applied for:**

[give details]

Regional resource consents from Environment Canterbury have been applied for. No other

Description of proposed activity: .....  
To establish and operate a new Energy from Waste Plant (Project Kea). The Applicant requests .....  
that the application be publicly notified and a joint hearing be held with Environment Canterbury. Please refer to the application package for further detail. ....

I attach, in accordance with Schedule 4 of the Resource Management Act 1991, an assessment of environmental effects in the detail that corresponds with the scale and significance of the effects that the proposed activity may have on the environment.

I attach any other information required to be included by the District Plan, the Regional Plan, the Resource Management Act 1991, or by any regulations made under that Act. *(List all documents that you are attaching)*

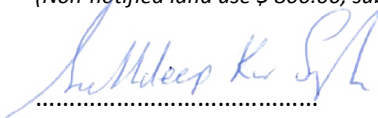
.....  
Please refer to the application package for further detail.  
.....

For an application for a subdivision consent, I attach information that is sufficient to adequately define:

- N/A
- the position of all new boundaries; and
  - the areas of all new allotments *(except for any cross-lease, company lease, or unit plan)*; and
  - the locations and areas of new reserves to be created, including any esplanade reserves and esplanade strips; and
  - the locations and areas of any existing esplanade reserves, esplanade strips, and access strips; and
  - the locations and areas of land below mean high water springs of the sea, or of any part of the bed of a river or lake, to be vested in the Crown or local authority under section 237A of the Resource Management Act 1991
  - the locations and areas of land to be set aside as new roads  
\$4,000.00 (previously paid and still held by WDC)

I enclose a processing fee of .....deposit.

*(Non-notified land use \$ 800.00, subdivision \$1000.00 or lesser deposit as determined by Council staff/Notified \$3000.00)*



.....  
*Signature of applicant  
(or person authorized to sign  
on behalf of the applicant)*

25/11/2022

.....  
*Date*

Address for service of applicant: .....  
Babbage Consultants Limited  
PO Box 2027, Shortland Street, Auckland 1140  
Attention: Sukhi Singh  
.....

Telephone: 021 801 904

Fax/email: sukhi.singh@babbage.co.nz

Contact person: Sukhi Singh

## CON499: APPLICATION FOR A RESOURCE CONSENT UNDER THE RESOURCE MANAGEMENT ACT 1991

If you need help in filling out this form, please contact our Customer Services staff on (03) 353 9007 or toll free on (0800 324 636. They will be able to provide some general assistance.

Email the completed application to: [ecinfo@ecan.govt.nz](mailto:ecinfo@ecan.govt.nz)  
Or send to Environment Canterbury, PO Box 345, Christchurch 8140

### Information

Section 88 of the Resource Management Act 1991 specifies the requirements for applications for resource consents and requires that each application includes a description of the activity, a planning assessment, and an assessment of the actual and potential effects of the activity on the environment, amongst other things. We recommend you read [Section 88](#) and [Schedule 4](#) of the RMA prior to completing this form.

Completing all the questions in this application form in full:

- May satisfy the requirements of the Resource Management Act 1991 for an application for resource consent. Environment Canterbury will inform you if further information is required.
- Will assist with the prompt processing of your application. Any omissions in this form may result in your application being returned (under Section 88(3) of the RMA) and may result in additional costs while the required information is obtained.

### Charges

Your application must be accompanied with the initial fixed charge specified [here](#) on Environment Canterbury's website page "How much will my consent cost?" The initial fixed charge may not cover all charges related to the auditing of the application. The applicant may be invoiced for additional charges. If an application is declined, all charges must still be paid.

All accounts are payable by the 20th day of the month following the date of invoice. If the account is not paid within 30 days after the due date, our debt collection agent may charge you a fee equal to 25% of the unpaid portion of the account, but no less than \$25.00. Where the total debt collection costs, legal and other costs arising from the collection of any amount owing exceeds the debt collection fee charged, our debt collection agent is also entitled to recover such additional costs. All Environment Canterbury charges must be met by the applicant. This may include time spent discussing issues with the applicant and any other parties involved in the process.

Name of person/company/organisation that is paying the initial fixed charge:	South Island Resource Recovery Limited
Method of payment: Internet banking/paid in person at Environment Canterbury office	Internet banking
Date payment is made:	
Payment reference e.g. applicant name	South Island Resource Recovery Limited

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Receipt number:

Charges paid:

CRC:

**Please complete all questions and sign and date the form.**

## 1 APPLICATION DETAILS

### 1.1 Applicant(s) details

Surname:		First names (in full):	
Surname:		First names (in full):	
OR Registered Company name and number: South Island Resource Recovery Limited (CN#8165807)			

Postal address:	Level 1, 149 Victoria Street, Christchurch	Postcode:	8013
Billing address (if different):		Postcode:	
Phone (home):		Phone (work):	
Phone (cell):		Email address:	
Contact person:	Paul Taylor		

Are you an Environment Canterbury staff member, an Environment Canterbury Councillor, or a family member of either?

Yes  **No**

I prefer to receive invoices by:

Postal address above  Email above  **other address or email (please specify)**

sukhi.singh@babbage.co.nz

### 1.2 Consultant/Agents details (if applicable)

Contact person:	Sukhi Singh	Company:	Babbage Consultants Limited
Postal Address:	PO Box 2027 Shortland Street, Auckland	Postcode:	1140
Phone (work):	021 801 904	Cell phone:	021 801 904
Email address:	sukhi.singh@babbage.co.nz		

1.2.1 During the processing of your application who will be the contact person for making decisions?  Applicant  **Consultant / Agent**

X

*Note: All correspondence during the consent application process will be directed to this contact person, unless instructed otherwise. Final decision documents will be sent to the applicant.*

1.2.2 Who will be the contact person for compliance monitoring matters?  **Applicant**  Consultant/Agent

### 1.3 Names and addresses of the owner and occupier of the site to which this application relates

*(You only need to include this information if it is **different** to that of the applicant(s). If you do not own the land to which this application relates to, you will need to provide written approval from the landowner, or they may be considered an affected party.)*

Owner:	Murphy Farms Limited	Phone:	
Postal Address:	Level 1, 149 Victoria Street, Christchurch	Postcode:	8013
Occupier:		Phone:	
Postal address:		Post code:	

**1.4 Location of the proposed activity**

Site address:	Lot situated at the intersection of Morven Glenavy Road and Carrolls Road		
Locality (City/District):	Waimate District	Map reference NZTM:	-44.895434, 171.084895
Area of property (ha):	14.85 ha	Legal description:	Lot 2 of Rural Section 22268 (Title Reference C27B/314)

*Note: The legal description can be found on the certificate of title, valuation notice, subdivision plan or rate demand for the site. Please include a copy of one of these with your application.*

**1.5 Consents from local authorities**

1.5.1 Under which territorial authority is the land situated:

- Ashburton DC
- Christchurch CC
- Hurunui DC
- Kaikōura DC
- Mackenzie DC
- Selwyn DC
- Timaru DC
- Waimakariri DC
- Waimate DC**
- Waitaki DC

Do you require consent from the local authority for this proposal?

*Note: You may need to consult with the relevant local authority to determine this.*

- Yes**  No

**If yes**, please list:

Land use consent

If a consent is required from the District or City Council, have you applied for it?

- Yes**  No

**If yes**, what is the consent number and status?

No number allocated yet - will be forwarded once

Please list any permitted activities under the District or City Plan that are part of the proposal to which the application relates:

Please refer to Planning Report in the application package for further detail.

**1.6 Current or previous consents**

1.6.1 Do you hold, or have you held any previous consents at this site for this activity or any related activities?

- Yes  **No**

**If yes, please provide details of the existing consents:**  
(e.g. CRC111000, discharge of dairy effluent etc.)

1.6.2 List any other consents required from the Canterbury Regional Council and indicate whether they have been applied for:

1.6.3 Is this application for a:

- New activity**  Existing Activity  
 Change of conditions for an existing consent

1.6.4 If it is a change of conditions to an existing consent, please supply the consent reference number(s) or consent holder's name (if different from current applicant's name) and which conditions you wish to change:

**2 PRE-APPLICATION ADVICE**

**2.1 Have you received any advice from Environment Canterbury prior to lodging this application?**

**Yes**  No

**2.2 If yes, please list the pre-application number if known:**

*E.g. RMA165897. This number should be provided to you by the Consents Planner or Customer Services.*

**2.1 Please list any pre-application meetings or advice (verbal and/or written) you have had with Environment Canterbury below:**

Type of advice	Brief details, including who provided the advice and the date
<input checked="" type="checkbox"/> Meeting(s)	Planning Officers, discussions re: application, information, time frames, etc.
<input type="checkbox"/> Verbal advice	
<input type="checkbox"/> Written advice	
<input type="checkbox"/> Other (e.g. submitted draft application / AEE)	

**3 DESCRIPTION OF THE PROPOSAL**

Please describe fully the proposal for which consent(s) are being sought. Include details of activities associated with the proposal to which this application relates. Attach additional information as necessary – for example plans, diagrams etc. that will help to describe the activity.

To establish and operate a new Energy from Waste Plant on the site (Project Kea).

The proposal requires:

- Land use consent from Waimate District Council; and
- Land use consent, discharge permits (air, stormwater and wastewater), and water permit (groundwater) from Environment Canterbury.

The applicant requests that the applications are publicly notified by Waimate District Council and Environment Canterbury, and that a joint hearing is subsequently held.

**4 LEGAL AND PLANNING MATTERS**

**4.1 What type(s) of resource consent(s) are you applying for?**

<input type="checkbox"/>	<b>Coastal Permit (s12 of the RMA 1991)</b>	<input type="checkbox"/>	Place, alter or remove structure	<input type="checkbox"/>	Disturb foreshore or seabed	<input type="checkbox"/>	Deposit substance
<input type="checkbox"/>	Reclaim or drain foreshore or seabed	<input type="checkbox"/>	Occupy coastal marine area	<input type="checkbox"/>	Remove natural material (e.g. sand)	<input type="checkbox"/>	Use water
<input type="checkbox"/>	Take surface water	<input type="checkbox"/>	Dam water	<input type="checkbox"/>	Diver water	<input type="checkbox"/>	Discharge contaminant to air
<input type="checkbox"/>	Discharge contaminant or water to water	<input type="checkbox"/>	Discharge contaminant to land	<input type="checkbox"/>	Other		
<input checked="" type="checkbox"/>	<b>Land Use Consent (s9 of the RMA 1991)</b>		<b>(s13 of the RMA 1991)</b>				
<input checked="" type="checkbox"/>	<b>Contaminant storage</b>	<input type="checkbox"/>	High country burning	<input checked="" type="checkbox"/>	<b>Earthworks</b>	<input type="checkbox"/>	Vegetation clearance
<input type="checkbox"/>	Activity in coastal hazards zone	<input type="checkbox"/>	Fencing/grazing in waterway	<input type="checkbox"/>	Planting in waterway	<input type="checkbox"/>	Use, place, alter or remove structure in waterway
<input type="checkbox"/>	Disturb bed of waterway (incl. excavation of gravel)	<input type="checkbox"/>	Deposit substance in waterway	<input type="checkbox"/>	Reclaim or drain waterway	<input type="checkbox"/>	Place a structure within 8 meters of a waterway
<input checked="" type="checkbox"/>	<b>Excavation of land</b>	<input type="checkbox"/>	Other				
<input checked="" type="checkbox"/>	<b>Water Permit (s14 of the RMA 1991)</b>						
<input checked="" type="checkbox"/>	<b>Take groundwater</b>	<input type="checkbox"/>	Take surface water	<input type="checkbox"/>	Dam water	<input type="checkbox"/>	Divert water
<input type="checkbox"/>	Use water						
<input checked="" type="checkbox"/>	<b>Discharge Permit (s15 of the RMA 1991)</b>						
<input checked="" type="checkbox"/>	<b>Discharge contaminant to air</b>	<input checked="" type="checkbox"/>	<b>Discharge contaminant or water to water</b>	<input checked="" type="checkbox"/>	<b>Discharge contaminant to land</b>		



**4.2 Please classify the proposal against the relevant rule(s) in the relevant regional plan**

**4.2.1** Which regional plan does this activity fall under?

Air Regional Plan and Land and Water Regional Plan

**4.2.2** Please list the relevant rule(s) of this plan:

Please refer to the Planning Report for further detail.

**4.2.3** What is the status of this activity?

Permitted

Controlled

Restricted Discretionary

Discretionary

Non-complying

**4.3 Please provide a full assessment of the proposal against the above rule(s), including an assessment against each condition of the rule(s)**

Please refer to the Planning Report and application package for further detail.

**4.4 If you consider part of the proposal is a permitted activity, please provide a full assessment against the conditions of that rule (how do you comply with each condition?).**

Please refer to the Planning Report and application package for further detail.

**4.5 Please provide an assessment of the proposal against any relevant objectives, policies or other provisions of any National Policy Statements, Coastal Policy Statements, National Environmental Standards, the Canterbury Regional Policy Statement, Iwi Management Plan, and any other relevant plan or proposed plan.**

Please refer to the Planning Report and application package for further detail.

**4.6 The purpose of the Resource Management Act (1991) is to promote the sustainable management of natural and physical resources. Does your proposal meet the requirements of Part 2, Section 5 (view [here](#))?**

Yes  No

**PRINCIPLES**

**Matters of National Importance (section 6 - view [here](#))**

Do you consider your proposed activity considers the Matters of National Importance?

Yes  No

**Other Matters ( section 7 - view [here](#))**

Do you consider your proposed activity considers Other Matters?

Yes  No

**Treaty of Waitangi (section 8 – view [here](#))**

Do you consider your proposed activity considers the principles of the Treaty of Waitangi?

Yes  No

**4.7 Please provide an assessment of the proposal against any relevant objectives, policies or other provisions of any National Policy Statements, Coastal Policy Statements, National Environmental Standards, the Canterbury Regional Policy Statement, Iwi Management Plan, and any other relevant plan or proposed plan.**

Please refer to the Planning Report and application package for further detail.

## 5 CONSULTATION AND WRITTEN APPROVAL OF AFFECTED PERSONS

Consultation with all persons potentially affected by your activity prior to lodging your application may result in considerable time and cost savings.

### Ngāi Tahu in Canterbury

Te Rūnanga o Ngāi Tahu is the statutory authority representing iwi members and includes ten local rūnanga within Canterbury, known as Papatipu Rūnanga. 'Papatipu' refers to ancestral land. Local rūnanga have the status of mana whenua with kaitiaki status (guardianship) over land and water within their takiwā (territory).

Depending on where the activity is to occur within Canterbury, the values of one or more Papatipu Rūnanga may be affected. Iwi interests as a whole may also be affected where an activity is to occur within, adjacent to, or affecting an area recognised in the Ngāi Tahu Claims Settlement Act 1998 as a Statutory Acknowledgement area. In those circumstances, Te Rūnanga o Ngāi Tahu will be involved in management of the area.

For assistance with answering the below questions, please refer to our webpage [Ngāi Tahu and the consent process](#).

Have you consulted with the Papatipu Rūnanga and/or Te Rūnanga o Ngāi Tahu?  Yes  No

If 'Yes', please state who you have consulted with and attach any evidence of your consultation, including any written approvals for this application:

**Note:** Ngāi Tahu as an iwi, and specifically Papatipu Rūnanga representing mana whenua, are considered an affected party where effects on cultural values are minor or more than minor, in accordance with Section 95E of the RMA. Environment Canterbury MUST notify an application if the adverse effects of your proposed activity on cultural values are determined to be minor or more than minor unless you have obtained the written approval of Papatipu Rūnanga and/or Ngāi Tahu for your proposal. Consultation before lodging your application is one of the best ways of identifying adverse effects.

### Non-notified applications

Non-notified consents are for activities which have minor adverse effects on the environment. For your activity to be considered on a non-notified basis you must determine whether there are any persons potentially affected by your proposed activity and if there are, you must consult them and obtain their written approval (e.g., Iwi, Fish and Game Council, Department of Conservation, Owners of nearby structures/infrastructure (e.g. NZTA), Other consent holders, Neighbouring land owners and occupiers,. If you are unsure who may be an affected party, please call us. Non-notified consents are significantly cheaper and quicker to process.

### Limited notified and fully notified applications

Notified consents (either limited notified or fully notified consents) are for activities which do not meet requirements in the RMA for processing on a non-notified basis.

If your assessment of effects has shown that adverse effects on the environment are likely to be more than minor and/or there are people who may be adversely affected from whom you are unable to obtain written approval, you may wish to request that your application be publicly notified. This will avoid possible delays in the processing of your application.

The final decision to notify or not notify an application will still be made by Environment Canterbury.

Please note that an application cannot be notified unless there is sufficient information for the notice that makes it clear what is being applied for, and how it might affect the environment (including people).

I request that my application is notified.  (check box)

Please provide any consultation details and written approvals obtained in the space provided below.

**5.1 Consultation details**

- 5.1.1 Have you consulted with iwi? **Yes** No
- 5.1.2 If yes, who did you consult? Please refer to the Planning Report and application package for further detail.
- 5.1.3 Who else have you consulted? Waimate District Council, Environment Canterbury, other stakeholders.
- 5.1.4 What was their response? Please refer to the Planning Report and application package for further detail.
- 5.1.5 How have you addressed any concerns they may have had? Please refer to the Planning Report and application package for further detail.

**5.2 Written approval of affected parties**

Have you obtained any written approvals from any persons for your proposed activity?  Yes  **No**

*If yes*, please give their details below. Please note that for us to accept the approvals they must each complete and sign the Written Approval of Persons Likely Affected – FORM8A, found [here](#). Please attach the completed forms to this application.

Name	Address	Contact details (phone, email etc)

**6 ASSESSMENT OF ACTUAL & POTENTIAL EFFECTS OF THE PROPOSAL ON THE ENVIRONMENT**

You must include an assessment of the effects of your proposal on the environment in this part of your application.

[Section 88](#) of the Resource Management Act 1991 requires that each application includes an assessment of the actual and potential effects of the activity on the environment. This assessment must be prepared in accordance with the [Fourth Schedule](#) of the Resource Management Act. A copy of this schedule is available [online](#) or from Customer Services.

The assessment of effects will differ for each application depending on the type and scale of the activity. Consultation is one of the best ways of identifying adverse effects. Please contact Customer Services with any questions on [ecinfo@ecan.govt.nz](mailto:ecinfo@ecan.govt.nz) or via phone on (03) 353 9007 or 0800 324 636 (0800 EC INFO).

For further assistance in preparing this assessment, you may find the Ministry for the Environment Publication "[A guide to preparing a basic assessment of environmental effects](#)" useful.

**7 OTHER INFORMATION REQUIRED BY REGIONAL PLANS OR REGULATIONS**

Regional plans or regulations may specify other information that must be provided as part of your application. Please provide this information here.

**8 OTHER INFORMATION**

**8.1 Duration requested**

**8.1.1** Please specify the duration sought for your consent(s):  years  months.

*Note: The maximum duration allowed under the Act is 35 years.*

A term of 35 years is sought for all regional resource consents. Land use resource consents are sought in perpetuity.

## 8.2 Start date

*Note: Resource consents lapse five years after their commencement date unless the consent has been given effect to or an application is made to Environment Canterbury to extend this period prior to the lapse date.*

8.2.1 When do you propose to start the activity? (date/month/year)

2024

## 8.3 Additional notes to applicants

- Your application must be publicly notified unless Environment Canterbury is satisfied that the adverse effects on the environment will be minor and written approval has been obtained from every person Environment Canterbury considers may be adversely affected by the granting of your application (unless Environment Canterbury considers it unreasonable to require the obtaining of every such approval).
- Section 128 of the Resource Management Act 1991 sets out the circumstances in which Environment Canterbury may review the conditions of a resource consent. Under Section 128(c) Environment Canterbury may undertake a review at any time if the application contained any inaccuracies which materially influenced the decision made.
- The information you provide with your application, which includes all associated reports and attachments, is official information. It will be used to process your application and, together with other official information, assist in the management of the region's natural and physical resources. Access to information held by Environment Canterbury is administered in accordance with the Local Government Official Information and Meetings Act 1987, and Privacy Act 1993. Your information may be disclosed in accordance with the terms of these Acts. Public access is also provided to consent information via Environment Canterbury's website.

*Environment Canterbury may withhold access to information in certain circumstances. It is therefore important you advise Environment Canterbury about any concern you may have about disclosure of any of the information, which includes all associated reports and attachments, you have provided in this application (e.g. protection of personal information, trade secrets, commercially sensitive material, information which, if released, may cause serious offence to tikanga Maori, or any other information you consider should not be disclosed. While Environment Canterbury may still have to disclose information under the above legislation, it can consider any concern you wish to raise.*

Please describe any concerns here:

## 8.4 Errors and omissions


When you receive your Resource Consent Documents please check that the details are correct. You have a 15 working day period after the decision is notified to allow you to object or advise of errors or omissions without cost.

**9 APPLICANT SIGNATURE AND DATE**

**I/we have read** all of the information on this application form and I understand all of the notes and I understand that I am liable to pay all actual and reasonable charges relating to the processing of this application.

**I/we also understand** that if the application is granted, I will be liable to pay all actual and reasonable charges related to compliance monitoring of the consent.

**I/we also agree** to advise Environment Canterbury if any of my/ our contact details change.

  
Signature of **applicant**

25/11/2022  
Date

Paul Duder  
Full name of person signing – please print

**or Duly Authorised Person**

Signature of **applicant**

Date

Full name of person signing – please print

**or Duly Authorised Person**

**Note: Environment Canterbury must have written authorisation to process your consent application. Both the consultant (if used) and the applicant must sign this section.**

- Where there are multiple people applying for consent, all persons must sign this form.
- If a company is the applicant, at least one director must sign this form.
- Anyone else who is applying for consent on behalf of another person, group of people or a company (e.g. a manager applying on behalf of a company) can sign this form and submit the application. However, written authorisation from the persons or company on behalf of which the consent is being applied for must be supplied with this application.

**10 CONSULTANT SIGNATURE AND DATE**

  
Signature of **consultant**

25/11/2022  
Date

Sukhi Singh  
Full name of person signing – please print

## CHECKLIST

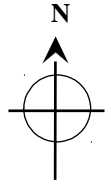
Please ensure you:

- Complete all parts of this application form.
- Include an assessment of effects of the activity on the environment, set out in Section 6 of this application form.
- Include a site plan.
- Include a copy of the certificate of title, rates demand, subdivision plan or valuation notice for the site your application relates to.
- Sign and date this application form (both applicant and consultant if one is used).
- Include the appropriate initial fixed charge as set out [here](#)
- Consider consulting local Rūnanga if your proposed activity occurs:
  - (a) Within a statutory acknowledgement area
  - (b) Within a silent file area
  - (c) Close to a site of cultural significance, or
  - (d) Otherwise affects a site of cultural significance.

## 11 LOCATION PLAN

Please complete this plan showing the site with the location of the proposed activity and indicate any relevant identifying features such as buildings, roads, rivers, etc. or other relevant details, or alternatively, attach a plan or map to this consent application. <http://canterburymaps.govt.nz/> is a good tool to utilise when applying for a resource consent.

Please refer to the Planning Report.





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## CON060: APPLICATION FOR RESOURCE CONSENT

### TO DISCHARGE STORMWATER INTO LAND

Please note that if the discharge will be into a stormwater network operated by a city or district council which discharges into surface water, the application form for discharge into surface water should be used.

If you need help in filling out this form, please contact our Customer Services staff on (03) 353 9007 or toll free on 0800 324 636. They will be able to provide some general assistance.

Email the completed application to: [ecinfo@ecan.govt.nz](mailto:ecinfo@ecan.govt.nz)  
Or send to Environment Canterbury, PO Box 345, Christchurch 8140

Receipt number:

Charges paid:

CRC:

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#### PLEASE TICK WHICH FEE BELOW IS APPLICABLE

Variable Initial Fixed Fee applications	High	Initial fixed fee (incl GST)	Medium	Initial fixed fee (incl GST)	Low	Initial fixed fee (incl GST)
Discharge of stormwater to land	>4 hectares, anything on hill slopes	\$9,400 <input checked="" type="checkbox"/>	Medium = 0.4 – 4 hectares	\$6,000 <input type="checkbox"/>	<0.5 hectares	\$2,500 <input type="checkbox"/>

All accounts are payable by the 20th day of the month following the date of invoice. If the account is not paid within 30 days after the due date, our debt collection agent may charge you a fee equal to 25% of the unpaid portion of the account, but no less than \$25.00. Where the total debt collection costs, legal and other costs arising from the collection of any amount owing exceeds the debt collection fee charged, our debt collection agent is also entitled to recover such additional costs. All Environment Canterbury charges must be met by the applicant. This may include time spent discussing issues with the applicant and any other parties involved in the process.

Name of person/company/organisation that is paying the initial fixed charge	South Island Resource Recovery Limited
Method of payment: internet banking/paid in person at Environment Canterbury office	Internet Banking
Date payment is made	
Payment reference e.g. applicant name	South Island Resource Recovery Limited

Please complete all questions and sign and date the form.

**1. APPLICATION DETAILS**

**1.1 Applicant(s) details**

Surname:		First names (in full):	
Surname:		First names (in full):	
OR Registered Company name and number:		South Island Resource Recovery Limited	(CN#8165807)

Postal address:	Level 1, 149 Victoria Street, Christchurch	Postcode:	8013
Billing address (if different):		Postcode:	
Phone (home):		Phone (work):	
Cell phone:		Email address:	
Contact person:	Paul Taylor		

Are you an Environment Canterbury staff member, an Environment Canterbury Councillor, or a family member of either?

Yes  **No**

**1.2 Consultant/Agents details (if applicable)**

Contact person:	Sukhi Singh	Company:	Babbage Consultants Limited
Postal address:	PO Box 2027 Shortland Street, Auckland	Postcode:	1140
Phone (work):	021 801 904	Cell phone:	021 801 904
Email address:	sukhi.singh@babbage.co.nz		

1.2.1 During the processing of your application who will be the contact person for making decisions?  Applicant  **Consultant / Agent**

*Note: All correspondence during the consent application process will be directed to this contact person, unless instructed otherwise. Final decision documents will be sent to the applicant.*

Who will be the contact person for compliance monitoring matters?  **Applicant**  Consultant / Agent

**1.3 Names and addresses of the owner and occupier of the site to which this application relates**

(You only need to include this information if it is **different** to that of the applicant(s). If you do not own the land to which this application relates to, you will need to provide written approval from the landowner, or they may be considered an affected party.)

Owner:	Murphy Farms Limited	Phone:	
Postal address:	Level 1, 149 Victoria Street, Christchurch	Postcode:	8013
Occupier:		Phone:	
Postal address:		Postcode:	

**1.4 Location of the proposed activity**

Site address:	Lot situated at the intersection of Morven Glenavy Road and Carrolls Road		
Locality (City/District):	Waimate District	Map reference NZTopo50:	-44.895434, 171.084895
Area of property (ha):	14.85 ha	Legal description:	Lot 2 of Rural Section 22268 (Title Reference C27B/314)

*Note: The legal description can be found on the certificate of title, valuation notice, subdivision plan or rate demand for the site. Please include a copy of one of these with your application.*

**1.5 Consents from local authorities**

1.5.1 Under which territorial authority is the land situated:

- |  |                                       |   |                                     |
|--|---------------------------------------|---|-------------------------------------|
| <input type="checkbox"/> Ashburton DC    | <input type="checkbox"/> Kaikōura DC  | <input type="checkbox"/> Timaru DC                    | <input type="checkbox"/> Waitaki DC |
| <input type="checkbox"/> Christchurch CC | <input type="checkbox"/> Mackenzie DC | <input type="checkbox"/> Waimakariri DC               |                                     |
| <input type="checkbox"/> Hurunui DC      | <input type="checkbox"/> Selwyn DC    | <input checked="" type="checkbox"/> <b>Waimate DC</b> |                                     |

Do you require consent from the local authority for this proposal?

*Note: You may need to consult with the relevant local authority to determine this.*

**Yes**  No

**If yes**, please list:

Land use consent

If a consent is required from the District or City Council, have you applied for it?

**Yes**  No

**If yes**, what is the consent number and status?

No number allocated yet - will be forwarded once received.

Please list any permitted activities under the District or City Plan that are part of the proposal to which the application relates:

Please refer to Planning Report in the application package for further detail.

**1.6 Current or previous consents**

1.6.1 Do you hold, or have you held any previous consents at this site for this activity or any related activities?

Yes  **No**

**If yes, please provide details of the existing consents:**  
(e.g. CRC111000, discharge of dairy effluent etc.)

1.6.2 List any other consents required from the Canterbury Regional Council and indicate whether they have been applied for:

1.6.3 Is this application for a:

**New activity**  Existing Activity  
 Change of conditions for an existing consent

1.6.4 If it is a change of conditions to an existing consent, please supply the consent reference number(s) or consent holder's name (if different from current applicant's name) and which conditions you wish to change:

**2 PRE-APPLICATION ADVICE**

2.1 Have you received any advice from Environment Canterbury prior to lodging this application?

Yes  No

2.2 If yes, please list the pre-application number if known:

E.g. RMA165897. This number should be provided to you by the Consents Planner or Customer Services.

2.3 Please list any pre-application meetings or advice (verbal and/or written) you have had with Environment Canterbury below:

Type of advice	Brief details, including who provided the advice and the date
<input checked="" type="checkbox"/> Meeting(s)	Planning Officers, discussions re: application, information, time frames, etc.
<input type="checkbox"/> Verbal advice	
<input type="checkbox"/> Written advice	
<input type="checkbox"/> Other (e.g. submitted draft application / AEE)	

Please describe fully the proposal for which consent(s) are being sought, for example “workshop where cars will be repaired” or “supermarket with car parking area”. If there are commercial or industrial activities on your site, please describe them in detail. Include details of activities associated with the proposal to which this application relates. Attach additional information as necessary – for example plans, diagrams etc. that will help to describe the activity.

To establish and operate a new Energy from Waste Plant (Project Kea).  
Please refer to the Planning Report and application package for further detail.

**3 DESCRIPTION OF THE PROPOSAL**

This application is for an:  Industrial property  Residential property  Commercial property

3.1 Site details: (circle or highlight metres or hectares to specify)

Total area of site:	14.85 ha	Square metres/hectares
Total roof area:	Please refer to the application package.	Square metres/hectares
Area of roads:	Please refer to the application package.	Square metres/hectares
Hardstand area on lots:	Please refer to the application package.	Square metres/hectares
Other hardstand areas: (including rights-of-way)	Please refer to the application package.	Square metres/hectares

3.1.1 Is the application for a subdivision or a single lot? Subdivision  **Single lot**

3.1.2 If the discharge is from a subdivision, what is the total number of lots?  
*Note: Every lot, including reserves, for all stages of the development must be included in your total.*

3.1.3 Will separate resource consents be required to authorise stormwater from each individual lot?  
*Note: If ‘Yes’, please supply a map reference for each individual lot in the NZ Topo50 Map reference format e.g. AS21:1234-5678.*

Yes  No

3.1.4 Is your site listed on the Listed Land Use Register database? Yes, the Site number is:

**No**

The historical/current activities (for example “above ground storage tank for petrol” or “vineyard where pesticides are used”) are:

Note: A formal contaminated land request can be ordered from Customer Services free of charge. Please note there is a 10-working day turnaround time for this service.

3.1.5 Please attach (i) a map showing the location of the site and (ii) a plan showing the following details:

- Total contributing stormwater catchment for each outfall/discharge point;
- All mitigation measures and features of the stormwater treatment and disposal system;
- Stormwater discharge points;
- Property boundaries and any watercourses within or near the site;
- Directional stormwater flow arrows;
- Secondary flow paths; and
- Erosion and sediment control features/components (if applicable)

The map and plan should be no larger than A3 and have a scale, legend and north point.

**3.2 Treatment and capacity of the stormwater system**

3.2.1 Please fully describe the stormwater treatment system: Please refer to the application package.

Roofs

3.2.2 Will the stormwater be discharged via a subsurface drainage system located in the soil layer?  Yes  No  
Please refer to the application package.

3.2.3 Will the stormwater system be designed to prevent the entry of all other surface runoff?  Yes  No  
Please refer to the application package.

3.2.4 If no, please describe:

3.2.5

Roads, hardstand areas on individual lots, rights-of-way, and roofs (if not treated separately)

3.2.6 How will stormwater be treated prior to discharge? Please tick those which apply.

by an infiltration system, e.g. infiltration swales, infiltration basins, etc.?

by a filtration system, e.g. swales?

by a proprietary device?

by settling, e.g. detention pond, etc.?

3.2.7 Will the first flush of stormwater be treated separately from the rest of the stormwater?  Yes  No

If yes, from which surfaces?  Roads  Hardstand areas on lots  Other hardstand areas  
Please refer to the application package.

If yes, which depth will be treated?  15 mm  20 mm  25 mm  Other:

Please refer to the application package.

If yes, what volume will be treated?  cubic metres  
Please refer to the application package.

If yes, will a splitter box be used?  Yes  No, other:

Please refer to the application package.

3.2.8 What is the capacity of the stormwater system(s) in terms of treatment and storage:

Storm event(s)?

Please refer to the application package.

Duration:

Volumes (m<sup>3</sup>):

Flow rate (l/s):

*If the different stormwater system components have a variety of capacities, provide details of all, including total capacity with your application.*

3.2.9 What are the secondary flow paths for stormwater that exceeds the capacity of the stormwater system?

Conveyance to the stormwater system:

In excess of the capacity of the treatment devices:

Please refer to the application package.

Note: You need to supply defined secondary flow paths for all stormwater discharges flows from rain events up to and including 2% AEP 24-hour rainfall event that exceed the capacity of the stormwater treatment device and discharge off-site. You will need permission to discharge stormwater onto another person's property, including the road reserve. A copy of this written permission should be supplied with your application.

3.2.10 Have you used any published guidelines or specifications to design the stormwater system?  No  Yes, they are:

Please refer to the application package.

*Note: Please ensure that you provide all calculations that support the sizing of the treatment systems and capacities given above. This should include a description of the methodology used, and all assumptions and data used in assessing runoff volumes and the capacity of the treatment system.*

*Please supply design plans for each component of the stormwater system and mitigation measure proposed (e.g. swales, sumps, oil-water interceptors, proprietary device, detention/retention ponds, infiltration basins or wetlands). The design plans should include all relevant sizing/capacity measurements, i.e. length, width, side slopes, gradient, etc.*

**3.3 Design details of the stormwater system** Please refer to the application package.

3.3.1 Do any / all the sumps have submerged outlets?  No  N/A  Yes, the following:

Please refer to the application package.

**3.4 Infiltration systems - please answer these questions if you are installing an infiltration system. Otherwise please go to (3.5).** Please refer to the application package.

3.4.1 What will the volume of the device be?  cubic metres

3.4.2 What will the base area of the device be?  square metres

3.4.3 Will the infiltration system be lined with at least 200 mm of sandy loam topsoil?  Yes  No, other:

Please refer to the application package.

3.4.4 Will the infiltration system be vegetated with grass or plants?  No  Yes, as follows:

Please refer to the application package.

3.4.5 Will the infiltration system have a design infiltration rate between 12 and 75 mm/hr?  Yes  No

- 3.4.6 Will the infiltration system be fitted with an underdrain(s)? No
- Yes, they will discharge into:
- 3.4.7 Will the rain garden be designed with at least 1000 mm of topsoil? Yes                  No
- No
- 3.4.8 Will the rain garden be vegetated with water tolerant plant species? Yes, as follows:
- No
- 3.4.9 Will the rain garden have a media mix in accordance with section 8 of New Zealand Transport Agency Document 'Stormwater Treatment for State Highway Infrastructure' 2010? Yes, as follows:
- 3.4.10 Will there be a minimum of one metre of undisturbed soil between the base(s) of the infiltration device component(s) and the highest recorded groundwater level? No
- Yes, the separation distance will be at least:
- No
- 3.4.11 Will the base(s) of any soak pits extend into free-draining gravels? Yes, to a depth of:

**3.5 Swales – please answer these questions if you are installing a swale. Otherwise please go to (3.6).**

- 3.5.1 Swale dimensions:
- Length (m):
- Base width (m):
- Side slope: 1
- Longitudinal slope (metres per metre):
- 3.5.2 Swale grass length:
- What will the swale grass length be maintained at?  mm to  mm
- 3.5.3 Will the swale have an average residence time of at least 9 minutes?  Yes    No    N/A

**3.6 Proprietary devices – please answer these questions if you are installing a proprietary device. Otherwise please go to (3.7).**

- 3.6.1 Which device will be used?
- 3.6.2 What flow is the device capable of treating before flows bypass?

*Note: If a Hynds Up-Flo Filter or similar proprietary device will be used please provide the sizing sheet produced by the manufacturer.*

**3.7 Settling devices – please answer these questions if you will be installing a detention device. Otherwise please go to (3.8).**

- 3.7.1 Volume of the device:
- 3.7.2 Detention time in the device – at least:  24 hours    48 hours    other:
- 3.7.3 Discharge rate from the device:



**3.8 Soak pits – please answer these questions if you will be installing a soak pit(s).**

- 3.8.1 What will the dimensions of the soak pit be? m x m base and m height
- 3.8.2 What rainfall event will the soak pit be sized for? year minute/hour event

3.8.3	Will there be at least one metre between the base(s) of the soak pit(s) and the highest recorded groundwater level?	Yes	No, there will be
3.8.4	Please describe any other components of the stormwater system, including all relevant design specifications, treatment capabilities, and capacities.		
3.8.5	At least one month prior to the construction of the stormwater system, will you submit to Environment Canterbury, Attention: RMA Monitoring and Compliance Manager, design plans of the stormwater system to be installed?	Yes	No
3.8.6	Will you submit a certificate signed by a Chartered Professional Engineer with stormwater system construction experience to Environment Canterbury, Attention: RMA Monitoring and Compliance Manager, to certify that the stormwater system has been constructed in accordance with the design plans?	Yes	No because

Please supply design plans for each of the treatment devices and mitigation measures used, e.g. swales, sumps, oil-water interceptors, detention/retention ponds, infiltration basins or wetlands.

**3.9 Nature of the discharge** Please refer to the application package.

- 3.9.1 List all potential sources of contaminants at the site. Include those which may result from accidental spills.
- 3.9.2 In the table below (extend it as required to include all contaminants that may be discharged from the site), please list:
  - All contaminants that could be washed off surfaces during rainfall events;
  - The concentrations of these contaminants in stormwater prior to and after any treatment proposed;
  - The contaminant removal efficiency of the stormwater system; and
  - Any appropriate guideline value that you may have used in your assessment to evaluate the effect of the discharge.

Contaminant	Concentration (pre-treatment) (mg/L)	Efficiency of stormwater treatment device (% Contaminant Removal)	Concentration (Post-treatment) (mg/L)	Guideline Value (mg/L)

Describe the source of the information (i.e. technical publication, monitoring data) and the assumptions used to determine the types and concentrations of contaminants listed above. Also provide an explanation regarding why these guideline values were selected below:

Performance of mitigation measures

- 3.9.3 Will any potential contaminants NOT be treated by the stormwater system?  Yes
- Please refer to the application package  No

N/A Please detail:

- 3.9.3 Provide information and/or calculations to support the treatment efficiencies used in the analysis of residual contaminant concentrations.



**3.10 Inspections, maintenance and monitoring of the stormwater system** Please refer to the application package.

3.10.1 Who will be responsible for maintaining the stormwater system for the duration of the consent?  
 The lot owner(s)     The Territorial Authority (TA)     A body corporate     Other:

**Note:** For city and district councils, please provide their written confirmation/approval/acceptance with this application.

**Note:** For a body corporate, please provide details of who will hold responsibility for operating and maintaining the stormwater system, and the organisational structure which will support this process. Please advise measures in place to prevent dissolution of the body corporate or steps that will be taken if dissolution occurs.

3.10.2 If the TA will be responsible for the maintenance of the system: will the maintenance be carried out in accordance with the TA's maintenance schedule     Yes     No

3.10.3 If the TA will not be responsible for the maintenance, or the maintenance will not be in accordance with the TA's maintenance schedule:

3.10.4 How often will the stormwater system be inspected? Please refer to the application package.  
 Annually     6-monthly     4-monthly     Other:

3.10.5 Will maintenance of the system include:

- (i) Removal of litter, visible layers of hydrocarbons and accumulated sediment?     Yes     No
- (ii) Maintaining a healthy and continuous vegetative cover?     Yes     No     N/A
- (iii) Repairing erosion and scour at inlets and outlets?     Yes     No
- (iv) Removal of sediment from sumps when it occupies more than one quarter of the capacity of the sump below the outlet?     Yes     No

3.10.6 Will you monitor contaminant concentrations in the soil of any infiltration devices?     No

Yes, every 2 or 5 or 10 or    years.

The following contaminants will be monitored:

The proposed trigger levels are:

Trigger levels determined using:

What soil testing methodology will be undertaken to assess contaminant concentrations in the soil of infiltration devices?

Will the contaminated soil be removed and replaced with uncontaminated soil?     Yes     No

3.10.7 Will you dispose of any material removed from the stormwater system at a facility authorised to receive it and provide Environment Canterbury written confirmation of this disposal?     Yes     No

- 3.10.8 Will you retain the records of services carried out on the stormwater system and make these available to Environment Canterbury on request?  Yes  No
- 3.10.9 Is there a management plan or do you propose to develop one for the site that sets out how the stormwater system will be operated and maintained?  Yes  No

3.10.10 Please describe any additional inspections, maintenance and monitoring proposed.

3.10.11 Please describe any emergency response procedures that will be undertaken in the event of a spill of fuel or any other contaminant to ensure that the spill is contained, cleaned up and does not result in any adverse effects on the receiving environment or the effectiveness of the stormwater system.

**3.11 Construction Phase** Please refer to the application package.

- 3.11.1 Does the discharge include sediment-laden water from the construction phase of the site?  
 No  Yes, the following mitigation is proposed:

*Note: Please ensure that you provide a plan that clearly shows and/or describes the type and location of all proposed mitigation measures.*

- 3.11.11 Where will the sediment-laden water discharge to?  
 into land  into surface water, in this waterway(s):

- 3.11.12 Will best practice guidelines be used? No  Yes, these:

Our expectation is that a maximum concentration of total suspended solids (TSS) in any discharge leaving the site should not exceed 100gTSS/m<sup>3</sup> of discharge and an Erosion and Sediment Control Plan, including dust mitigation measures, is supplied with your application. This can usually be modified later in discussion with your contractor and Regional Leader Compliance and Enforcement Canterbury Regional Council

*Note: Please ensure that you provide all calculations that support the sizing and capacities of the proposed mitigation measures described above.*

**4 LEGAL AND PLANNING MATTERS**

**Section 15 of the Resource Management Act 1991 provides for regulation of activities in relation to the discharge of contaminants into air, into or onto land or into water.**

**4.1 Please classify the proposal against the relevant rule(s) in the relevant regional plan**

- 4.1.1 Which regional plan does this activity fall under? Canterbury Land and Water Regional Plan.
- 4.1.2 Please list the relevant rule(s) of this plan: Please refer to the Planning Report.
- 4.1.3 What is the status of this activity?

Permitted                      Controlled                      Restricted discretionary                      **Discretionary**  
 Non-complying

- 4.2** Please provide a full assessment of the proposal against the above rule(s), including an assessment against each condition of the rule(s)  
Please refer to the Planning Report and application package.
- 4.3** If you consider part of the proposal is a permitted activity, please provide a full assessment against the conditions of that rule Please refer to the Planning Report and application package.
- 4.4** Please provide an assessment of the proposal against any relevant objectives, policies or other provisions of any National Policy Statements, Coastal Policy Statements, National Environmental Standards, the Canterbury Regional Policy Statement, Iwi Management Plan, and any other relevant plan or proposed plan. A list of policies and objectives relevant to this proposal may be found in the planning assessment sheet which accompanies this form.  
Please refer to the Planning Report and application package.
- 4.5 The purpose of the Resource Management Act (1991) is to promote the sustainable management of natural and physical resources.**  
Does your proposal meet the requirements of Part 2, Section 5 (view [here](#))?  Yes  No

## PRINCIPLES

- 4.6 Matters of National Importance (section 6 - view [here](#))**  
Do you consider your proposed activity considers the Matters of National Importance?  Yes  No
- 4.7 Other Matters (section 7 - view [here](#))**  
Do you consider your proposed activity considers Other Matters?  Yes  No
- 4.8 Treaty of Waitangi (section 8 - view [here](#))**  
Do you consider your proposed activity consider the principles of the Treaty of Waitangi?  Yes  No

## 5 CONSULTATION AND WRITTEN APPROVAL OF AFFECTED PERSONS

Consultation with all persons potentially affected by your activity prior to lodging your application may result in considerable time and cost savings.

### Ngāi Tahu in Canterbury

Te Rūnanga o Ngāi Tahu is the statutory authority representing iwi members and includes ten local rūnanga within Canterbury, known as Papatipu Rūnanga. 'Papatipu' refers to ancestral land. Local rūnanga have the status of mana whenua with kaitiaki status (guardianship) over land and water within their takiwā (territory).

Depending on where the activity is to occur within Canterbury, the values of one or more Papatipu Rūnanga may be affected. Iwi interests as a whole may also be affected where an activity is to occur within, adjacent to, or affecting an area recognised in the Ngāi Tahu Claims Settlement Act 1998 as a Statutory Acknowledgement area. In those circumstances, Te Rūnanga o Ngāi Tahu will be involved in management of the area.

For assistance with answering the below questions, please refer to our webpage [Ngāi Tahu and the consent process](#)

Have you consulted with the Papatipu Rūnanga and/or Te Rūnanga o Ngāi Tahu?  Yes  No

If 'Yes', please state who you have consulted with and attach any evidence of your consultation, including any written approvals for this application:

**Note:** Ngāi Tahu as an iwi, and specifically Papatipu Rūnanga representing mana whenua, are considered an affected party where effects on cultural values are minor or more than minor, in accordance with Section 95E of the RMA. Environment Canterbury MUST notify an application if the adverse effects of your proposed activity on cultural values are determined to be minor or more than minor unless you have obtained the written approval of Papatipu Rūnanga and/or Ngāi Tahu for your proposal. Consultation before lodging your application is one of the best ways of identifying adverse effects.

**Non-notified applications**

Non-notified consents are for activities which have minor adverse effects on the environment. For your activity to be considered on a non-notified basis you must determine whether there are any persons potentially affected by your proposed activity and if there are, you must consult them and obtain their written approval (e.g., Iwi, Fish and Game Council, Department of Conservation, Land Information New Zealand, Owners of nearby structures/infrastructure (e.g. NZTA), Other consent holders, Neighbouring land owners and occupiers, Environment Canterbury River Engineering). If you are unsure who may be an affected party, please call us. Non-notified consents are significantly cheaper and quicker to process.

**Limited notified and fully notified applications**

Notified consents (either limited notified or fully notified consents) are for activities which do not meet requirements in the RMA for processing on a non-notified basis.

If your assessment of effects has shown that adverse effects on the environment are likely to be more than minor and/or there are people who may be adversely affected from whom you are unable to obtain written approval, you may wish to request that your application be publicly notified. This will avoid possible delays in the processing of your application.

The final decision to notify or not notify an application will still be made by Environment Canterbury.

Please note that an application cannot be notified unless there is sufficient information for the notice that makes it clear what is being applied for, and how it might affect the environment (including people).

I request that my application is notified. (check box)

Please provide any consultation details and written approvals obtained in the space provided below.

**5.1 Consultation details**

5.1.1 Have you consulted with iwi?

Yes  No

5.1.2 If yes, who did you consult?

Please refer to the application package.
WDC, ECAN, other stakeholders.
Please refer to the application package.
Please refer to the application package.

5.1.3 Who else have you consulted?

5.1.4 What was their response?

5.1.5 How have you addressed any concerns they may have had?

5.1.6 Written approval of affected parties

If you have obtained the signature of affected persons, please give their details below. **If yes**, please give their details below. Please note that for us to accept the approvals they must each complete and sign the Written Approval of Persons Likely Affected – FORM8A, found [here](#). Please attach the completed forms to this application.

Name	Address	Contact details (phone, email etc.)

*Note: The City/District Council or Environment Canterbury River Engineers may be responsible for maintaining drains and water races. As owners and operators, they may be an adversely affected party.*

## 6 DESCRIPTION OF THE AFFECTED ENVIRONMENT

This information is **essential** for the processing of this application. Please fill out in as much detail as possible and attach all evidence or documentation you have that supports your descriptions.

### 6.1 DESCRIPTION OF THE AFFECTED ENVIRONMENT Please refer to the Planning Report and application package.

6.1.1 Describe the topography of the land, the history of the site, previous land uses, and surrounding land-use(s).

### 6.2 Soils and groundwater Please refer to the Planning Report and application package.

#### Soil

- 6.2.1 What are the soil and subsoil types at the site?
- 6.2.2 Is the soil below the base of your proposed stormwater system free draining?  Yes  No
- 6.2.3 What is the infiltration rate beneath the stormwater system?
- 6.2.4 How was the infiltration rate beneath the stormwater system determined?
- 6.2.5 Was a test pit used to identify the underlying soils?  Yes, records are included with application  No

#### Groundwater

- 6.2.6 Groundwater is:  Confined  Semi-confined/Unconfined
- 6.1.1 What is the direction of groundwater flow (i.e., northwest to southeast)?
- 6.1.2 What is the highest seasonal groundwater level beneath the site or near the site (in metres)?
- 6.1.3 How was the highest groundwater level determined?
- 6.1.4 How many wells are located within 1 kilometre down-gradient of the discharge?
- 6.1.5 What depths are the down-gradient wells screened to?  to  metres
- 6.1.6 How many are active?

They are used for:  Domestic Supply  Irrigation  Stock water  Monitoring  Commercial  Other

Will the discharge occur within a Community Drinking Water Supply Protection Zone?

No  Yes, for the following well(s):

6.1.7 Will the discharge occur within the Christchurch Groundwater Protection Zone?

No Yes:  Zone 1  Sub-zone 1A  Sub-zone 1B  Sub-zone 1C  Sub-zone 1D  Zone 2  Zone 3

6.1.8 Are there any NES drinking water sites located within a 1-kilometre radius down-gradient of the discharge?

No  Yes, they are:

6.1.9 What are the following contaminant levels at the nearest groundwater monitoring sites?

Copper:	(min to)	(max)	Hydrocarbons	(min to)	(max)
Zinc:	(min to)	(max)	Faecal:	(min to)	(max)
Lead:	(min to)	(max)	Other	(min to)	(max)

*Note: Please provide details of the wells used, when sampling began, and, if applicable, when sampling ceased.*

**6.2 Surface Water** Please refer to the Planning Report and application package.

6.2.1 Are there any water bodies (including lakes, wetlands, rivers, streams, springs, drains and stock water races) within, or immediately adjacent to, the site and the stormwater system? *(Note: If yes, what is the distance and direction to the surface water body?)*

Yes, name(s):  (if known)  No

Whitneys Creek

**6.3 Other discharge consents**

6.3.1 Are there any other authorised discharges into land within 1-kilometre radius of your site?

No  Yes, there are:

*Please detail consent numbers and associated activities.*

**7 ASSESSMENT OF ACTUAL & POTENTIAL EFFECTS OF THE PROPOSAL ON THE ENVIRONMENT**

**You must include an assessment of the effects of your proposal on the environment in this part of your application.**

[Section 88](#) of the Resource Management Act 1991 requires that each application includes an assessment of the actual and potential effects of the activity on the environment. This assessment must be prepared in accordance with the [Fourth Schedule](#) of the Resource Management Act. A copy of this schedule is available [online](#) or from Customer Services.

The assessment of effects will differ for each application depending on the type and scale of the activity. Consultation is one of the best ways of identifying adverse effects. Please contact Customer Services with any questions on [ecinfo@ecan.govt.nz](mailto:ecinfo@ecan.govt.nz) or via phone on (03) 353 9007 or 0800 324 636 (0800 EC INFO).

For further assistance in preparing this assessment, you may find the Ministry for the Environment Publication "[A guide to preparing a basic assessment of environmental effects](#)" useful.

**7.1 Adverse effects of the discharge of contaminants on groundwater quality**

Please refer to the application package.

7.1.1 What effects will the expected concentrations of contaminants in the stormwater after treatment have on groundwater quality? Explain.

7.1.2 If the site is on the Listed Land Use Register (LLUR) are there likely to be effects on groundwater quality due to the discharge mobilising existing contamination? Explain.

**7.2 Adverse effects from slow entry of stormwater into groundwater (ponding)**

Please refer to the application package.

7.2.1 Are there any likely adverse effects due to stormwater overflowing from, or 'backing up', in the stormwater system?

Yes  No

7.2.2 Describe or explain:

**7.3 Adverse effects of localised changes in groundwater levels**

Please refer to the application package.

7.3.1 Is it likely that groundwater levels beneath your stormwater system will be increased due to the discharges from your site?

Yes  No

7.3.2 Describe or explain:

7.3.3 Is there obvious hydraulic connectivity between groundwater under the site and any surface water bodies within, or immediately adjacent to, the site?

Yes  No

7.3.4 Describe or explain:

7.3.5 Are there any anticipated effects on the surface water courses that may occur as a result of the change in land-use and discharge of stormwater, i.e. will the discharge affect base flows?

Yes  No

7.3.6 Describe or explain:

**7.4 Adverse effects on the accumulation of contaminants in soil**

Please refer to the application package.

7.4.1 If you have proposed to discharge stormwater via an infiltration system(s), have you proposed mitigation to ensure that contaminants do not cause adverse effects on soil and water quality?

Yes  No

7.4.2 Describe or explain:

**7.1 Adverse effects of sediment laden discharges**

Please refer to the application package.

7.5.1 Will the discharge affect groundwater or surface water quality?

Yes  No

7.5.2 Describe or explain:

7.5.3 Will the discharge affect groundwater or surface water quantity?

Yes  No

7.5.4 Describe or explain:

**7.2 Effects on Amenity Values, People and Communities**

Please refer to the application package.

7.2.1 What hours of work will works occur? Between am and pm inclusive

7.2.2 Will works be carried out on weekends or public holidays?  Saturdays  Sundays  Public holidays

**7.3 Adverse effects of the discharge of contaminants on groundwater quality**

Please refer to the application package.

7.7.1 What effects will the expected concentrations of contaminants in the stormwater after treatment have on groundwater quality? Explain.

7.7.2 If the site is on the Listed Land Use Register (LLUR) are there likely to be effects on groundwater quality due to the discharge mobilising existing contamination? Explain.

**7.4 Adverse effects from slow entry of stormwater into groundwater (ponding)**

Please refer to the application package.

7.8.1 Are there any likely adverse effects due to stormwater overflowing from, or 'backing up', in the stormwater system?

Yes  No

7.8.2 Describe or explain:

**7.5 Adverse effects of localised changes in groundwater levels**

Please refer to the application package.

7.9.1 Is it likely that groundwater levels beneath your stormwater system will be increased due to the discharges from your site?

Yes  No

7.9.2 Describe or explain:

7.9.3 Is there obvious hydraulic connectivity between groundwater under the site and any surface water bodies within, or immediately adjacent to, the site?

Yes  No

7.9.4 Describe or explain:

7.9.5 Are there any anticipated effects on the surface water courses that may occur as a result of the change in land-use and discharge of stormwater, i.e. will the discharge affect base flows?

Yes  No

7.9.6 Describe or explain:

**7.6 Adverse effects on the accumulation of contaminants in soil**

Please refer to the application package.

7.10.1 If you have proposed to discharge stormwater via an infiltration system(s), have you proposed mitigation to ensure that contaminants do not cause adverse effects on soil and water quality?

Yes  No

7.10.2 Describe or explain:

**7.1 Adverse effects of sediment laden discharges**

Please refer to the application package.

7.11.1 Will the discharge affect groundwater or surface water quality?

Yes  No

7.11.2 Describe or explain:

7.11.3 Will the discharge affect groundwater or surface water quantity?

Yes  No

7.11.4 Describe or explain:

**7.2 Effects on Amenity Values, People and Communities**

Please refer to the application package.

7.2.1 What hours of work will works occur? Between \_\_\_\_\_ am and \_\_\_\_\_ pm inclusive

7.2.2 Will works be carried out on weekends or public holidays?  Saturdays  Sundays  Public holidays



**7.3 Effects on Ngāi Tahu Values**

For assistance with answering the below questions, please refer to our webpage [Ngāi Tahu and the consent process](#). [Iwi Management Plans](#) are available to help applicants identify matters of importance to iwi. These plans also provide direction on how best to avoid, remedy or mitigate effects on cultural values.

- 7.3.1 Which Papatipu Rūnanga cover(s) the site where the proposed activity is to occur?
- 7.3.2 Is the proposed activity occurring within, adjacent to, or likely to affect a Statutory Acknowledgement Area?
- 7.3.3 Is the proposed activity within a silent file area?
- 7.3.4 Please provide an assessment of the effects of the proposed activity on Ngāi Tahu values. To do this you will need to reference the relevant policies in the [Iwi Management Plans](#). Where appropriate, this assessment may include detail on the effects of the proposed activity on: sites of historic or cultural significance, surface water and groundwater quality, flora and fauna of cultural significance, areas of historical or spiritual importance, areas of significant landscape value, and waterways and wetlands.
- 7.3.5 Please provide details on the steps that you will take to ensure effects on Ngāi Tahu values are avoided, mitigated or remedied
- 7.3.6 If you are proposing to excavate some of your site, will you accept an accidental discovery condition, such as the condition below?

Te Runanga o Waihao

Yes  No

Yes  No

Please refer to the application package.

Please refer to the application package.

Yes  No

**Accidental Discovery Protocol Condition**

In the event of any discovery of archaeological material:

- a) The consent holder shall immediately:
  - i. Cease earthmoving operations in the affected area and mark off the affected area; and
  - ii. Advise the Canterbury Regional Council of the disturbance; and
  - iii. Advise Heritage New Zealand Pouhere Taonga of the disturbance.
- b) If the archaeological material is determined to be Koiwi Tangata (human bones) or taonga (treasured artefacts) by Heritage New Zealand Pouhere Taonga, the consent holder shall immediately advise the office of the appropriate rūnanga (office contact information can be obtained from the Canterbury Regional Council) of the discovery.
- c) If the archaeological material is determined to be Koiwi Tangata (human bones) by Heritage New Zealand Pouhere Taonga, the consent holder shall immediately advise the New Zealand Police of the disturbance.

Work may recommence if Heritage New Zealand Pouhere Taonga Trust (following consultation with rūnanga if the site is of Maori origin) provides a statement in writing to the Canterbury Regional Council, Attention: RMA Compliance and Enforcement Manager that appropriate action has been undertaken in relation to the archaeological material discovered. The Canterbury Regional Council shall advise the consent holder on written receipt from Heritage New Zealand Pouhere Taonga that work can recommence.

*Advice Note:*

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

*Advice Note:*

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. For sites solely of Maori origin, this evidence may be in the form of accumulations of shell, bone, charcoal, burnt stones, etc. In later sites, artefacts such as bottles or broken glass, ceramics, metals, etc., may be found or evidence of old foundations, wells, drains, tailings, races or other structures. Human remains/koiwi may date to any historic period.

It is unlawful for any person to destroy, damage, or modify the whole or any part of an archaeological site without the prior authority of the Heritage New Zealand Pouhere Taonga. 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 Historic Places Act provides for substantial penalties for unauthorised damage or destruction.

**7.4 Cumulative effects** Please refer to the application package.

7.4.1 Please provide an assessment of the expected cumulative effects of your stormwater discharges with regards to the matters discussed above:

**7.5 Other**

- 7.5.1 Will you provide a copy of the resource consent to any person exercising your consent and explain to them how to comply with the conditions of the consent?  Yes  No
- 7.5.2 Will you notify Environment Canterbury at least two days before starting works?  Yes  No
- 7.5.3 If you answered "No" to any of the questions above, please explain why.

**8 ADDITIONAL MITIGATION MEASURES**

**8.1 Please provide details of any mitigation measures proposed that have not been included elsewhere in this application.**

Please refer to the application package.

**8.2 Consideration of alternatives**

8.2.1 Were any alternative locations or treatment options considered?

Yes  No

8.2.2 If yes, what were they and why were they rejected?

Please refer to the application package.

**9 OTHER INFORMATION**

**9.1 Duration requested**

9.1.1 Please specify the duration sought for your consent(s):

35 years months.

*Note: The maximum duration allowed under the Act is 35 years.*

**9.2 Start date**

*Note: Resource consents lapse five years after their commencement date unless the consent has been given effect to or an application is made to Environment Canterbury to extend this period.*

9.2.1 When do you propose to start the activity?

2024 (date/month/year)

## 9.3 Additional notes to applicants

- Your application must be publicly notified unless Environment Canterbury is satisfied that the adverse effects on the environment will be minor and written approval has been obtained from every person Environment Canterbury considers may be adversely affected by the granting of your application (unless Environment Canterbury considers it unreasonable to require the obtaining of every such approval).
- Section 128 of the Resource Management Act 1991 sets out the circumstances in which Environment Canterbury may review the conditions of a resource consent. Under Section 128(c) Environment Canterbury may undertake a review at any time if the application contained any inaccuracies which materially influenced the decision made.
- The information you provide with your application, which includes all associated reports and attachments, is official information. It will be used to process your application and, together with other official information, assist in the management of the region's natural and physical resources. Access to information held by Environment Canterbury is administered in accordance with the Local Government Official Information and Meetings Act 1987, and Privacy Act 1993. Your information may be disclosed in accordance with the terms of these Acts. Public access is also provided to consent information via Environment Canterbury's website. *Environment Canterbury may withhold access to information in certain circumstances.* It is therefore important you advise Environment Canterbury about any concern you may have about disclosure of any of the information, which includes all associated reports and attachments, you have provided in this application (e.g. protection of personal information, trade secrets, commercially sensitive material, information which, if released, may cause serious offence to tikanga Maori, or any other information you consider should not be disclosed. While Environment Canterbury may still have to disclose information under the above legislation, it can consider any concern you wish to raise.

Please describe any concerns here:

## 9.4 Errors and omissions

9.4.1 When you receive your Resource Consent Documents please check that the details are correct. You have a 15 working day period after the decision is notified to allow you to object or advise of errors or omissions without cost.

## 10 APPLICANT SIGNATURE AND DATE

**I/we have read** all of the information on this application form and I understand all of the notes and I understand that I am liable to pay all actual and reasonable charges relating to the processing of this application.

**I/we also understand** that if the application is granted, I will be liable to pay all actual and reasonable charges related to compliance monitoring of the consent.

	<input type="text" value="25/11/2022"/>	<input type="text" value="Paul Duder"/>
Signature of <b>applicant</b>	Date	Full name of person signing – please print
<b>or Duly Authorised Person</b>		
<input type="text"/>	<input type="text"/>	<input type="text"/>
Signature of <b>applicant</b>	Date	Full name of person signing – please print

**or Duly Authorised Person**

**Note: Environment Canterbury must have written authorisation to process your consent application. Both the consultant (if used) and the applicant must sign this section.**

- Where there are multiple people applying for consent, all persons must sign this form.
- If a company is the applicant, at least one director must sign this form.
- Anyone else who is applying for consent on behalf of another person, group of people or a company (e.g. a manager applying on behalf of a company) can sign this form and submit the application. However, written authorisation from the persons or company on behalf of which the consent is being applied for must be supplied with this application.

## 11 CONSULTANT SIGNATURE AND DATE



Signature of **consultant**

25/11/2022

Date

Sukhi Singh

Full name of person signing – please print

### LIST OF ATTACHMENTS THAT MUST BE INCLUDED WITH THE APPLICATION

- Map showing location of the site.
- A list or table of map references for each individual lot (if applicable).
- Plan showing the layout of the site and stormwater system.
- A plan(s) indicating the dimensions of the key features of the stormwater system.
- A cross-section plan of key features of the stormwater treatment system.
- Calculations for the design of the stormwater system and mitigation during the construction phase.
- Evidence of the proposed maintenance arrangement.
- A map that indicates the properties of people who have provided their written approval (if applicable).
- The contaminated land request response (if applicable).
- A detailed erosion and sediment control plan (if applicable).

### CHECKLIST

Please ensure you:

- Complete all parts of this application form.
- Include an assessment of effects of the activity on the environment, set out in Section 7 of this application form.
- Include a site plan.
- Include a copy of the certificate of title, rates demand, subdivision plan or valuation notice for the site your application relates to.
- Sign and date this application form (both applicant and consultant if one is used).
- Include the appropriate initial fixed charge as set out [here](#)

Consider consulting local Rūnanga: If your proposed activity occurs:

- (a) Within a statutory acknowledgement area
- (b) Within a silent file area
- (c) Close to a site of cultural significance, or
- (d) Otherwise affects a site of cultural significance.

**CON070:  
APPLICATION FOR A RESOURCE  
CONSENT UNDER THE RESOURCE  
MANAGEMENT ACT 1991**

**DISCHARGE OF CONTAMINANTS INTO LAND FROM AN  
ONSITE WASTEWATER SYSTEM**

*If you need help in filling out this form, please contact our Customer Services staff on (03) 353 9007 or toll free on 0800 324 636. They will be able to provide some general assistance.*

Email the completed application to: [ecinfo@ecan.govt.nz](mailto:ecinfo@ecan.govt.nz)  
Or send to Environment Canterbury, PO Box 345, Christchurch 8140

FOR OFFICE USE ONLY

Receipt number:

Charges paid:

CRC:

**Information**

Section 88 of the Resource Management Act 1991 specifies the requirements for applications for resource consents, and requires that each application includes a description of the activity, a planning assessment, and an assessment of the actual and potential effects of the activity on the environment, amongst other things. We recommend you read [Section 88](#) and [Schedule 4](#) of the RMA prior to completing this form.

Completing all the questions in this application form in full:

- May satisfy the requirements of the Resource Management Act 1991 for an application for resource consent. Environment Canterbury will inform you if further information is required.
- Will assist with the prompt processing of your application. Any omissions in this form may result in your application being returned (under Section 88(3) of the RMA) and may result in additional costs while the required information is obtained.

**Charges**

Your application must be accompanied with the initial fixed charge specified [here](#) on Environment Canterbury’s website page “How much will my consent cost?” The initial fixed charge may not cover all charges related to the auditing of the application. The applicant may be invoiced for additional charges. If an application is declined, all charges must still be paid.

All accounts are payable by the 20th day of the month following the date of invoice. If the account is not paid within 30 days after the due date, our debt collection agent may charge you a fee equal to 25% of the unpaid portion of the account, but no less than \$25.00. Where the total debt collection costs, legal and other costs arising from the collection of any amount owing exceeds the debt collection fee charged, our debt collection agent is also entitled to recover such additional costs. All Environment Canterbury charges must be met by the applicant. This may include time spent discussing issues with the applicant and any other parties involved in the process.

Name of person/company/organisation that is paying the initial application charge:	South Island Resource Recovery Limited
Method of payment: initial application charge: Internet banking/paid in person at Environment Canterbury office	Internet Banking
Date payment is made:	
Payment reference e.g. applicant name:	South Island Resource Recovery Limited

**Checklist of items to include with application form:**

- Map showing location of dwelling, land application system, bores, watercourses, and property boundaries at the site
- Map of the proposed subdivision (if applicable)
- A cross-section plan of the land application system
- Written approvals and a map that indicates the properties of people who have provided their written approval to your proposal (if applicable)
- Photographs of the soil profile
- A flood hazard assessment (If applicable)

## 1 APPLICATION DETAILS

Please complete all questions and sign and date the form.

### 1.1 Applicant(s) details

Surname:		First names (in full):	
Surname:		First names (in full):	
OR Registered Company name and number: South Island Resource Recovery Limited (CN#8165807)			

Postal address:	Level 1, 149 Victoria Street, Christchurch	Postcode:	8013
Billing address (if different):		Postcode:	
Phone (home):		Phone (work):	
Cell phone:		Email address:	
Contact person:	Paul Taylor		

Are you an Environment Canterbury staff member, an Environment Canterbury Councillor, or a family member of either?

Yes  **No**

I prefer to receive invoices by:

Postal address above  Email above  **other address or email (please specify)** sukhi.singh@babbage.co.nz

### 1.2 Consultant/Agents details (if applicable)

Contact person:	Sukhi Singh	Company:	Babbage Consultants Limited
Postal address:	PO Box 2027 Shortland Street, Auckland	Postcode:	1140
Phone (work):	021 801 904	Cell phone:	021 801 904
Email address:	sukhi.singh@babbage.co.nz		

1.2.1 During the processing of your application who will be the contact person for making decisions?  Applicant  **Consultant / Agent**

*Note: All correspondence during the consent application process will be directed to this contact person, unless instructed otherwise. Final decision documents will be sent to the applicant.*

1.2.2 Who will be the contact person for compliance monitoring matters?  Applicant  **Consultant / Agent**

### 1.3 Names and addresses of the owner and occupier of the site to which this application relates

*(You only need to include this information if it is **different** to that of the applicant(s). If you do not own the land to which this application relates to, you will need to provide written approval from the landowner, or they may be considered an affected party.)*

Owner:	Murphy Farms Limited	Phone:	
Postal address:	Level 1, 149 Victoria Street, Christchurch	Postcode:	8013
Occupier:		Phone:	
Postal address:		Postcode:	



**1.4 Location of the proposed activity**

Site address:	Lot situated at the intersection of Morven Glenavy Road and Carrolls Road		
Locality (City/District):	Waimate District	Map reference NZTopo50:	-44.895434, 171.084895
Area of property (ha):	14.85 ha	Legal description:	Lot 2 of Rural Section 22268 (Title Reference C27B/314)

*Note: The legal description can be found on the certificate of title, valuation notice, subdivision plan or rate demand for the site. Please include a copy of one of these with your application.*

**1.5 Consents from local authorities**

1.5.1 Under which territorial authority is the land situated:

- Ashburton DC                       Kaikōura DC                       Timaru DC                       Waitaki DC
- Christchurch CC                       Mackenzie DC                       Waimakariri DC
- Hurunui DC                       Selwyn DC                       **Waimate DC**

1.5.2 Do you require consent from the local authority for this proposal?

*Note: You may need to consult with the relevant local authority to determine this.*

- Yes**     No

1.5.3 **If yes**, please list:

Land use consent

1.5.4 If a consent is required from the District or City Council, have you applied for it?

- Yes**     No

1.5.5 **If yes**, what is the consent number and status?

No number allocated yet - will be forwarded once

Please refer to Planning Report in the application package for further detail.

1.5.6 Please list any permitted activities under the District or City Plan that are part of the proposal to which the application relates:

**1.6 Current or previous consents**

1.6.1 Do you hold, or have you held any previous consents at this site for this activity or any related activities?

- Yes     **No**

**If yes, please provide details of the existing consents:**  
(e.g. CRC111000, discharge of dairy effluent etc.)

1.6.2 List any other consents required from the Canterbury Regional Council and indicate whether they have been applied for:

1.6.3 Is this application for a:

- New activity**     Existing Activity
- Change of conditions for an existing consent

1.6.4 If it is a change of conditions to an existing consent, please supply the consent reference number(s) or consent holder's name (if different from current applicant's name) and which conditions you wish to change:

## 2 PRE-APPLICATION ADVICE

2.1 Have you received any advice from Environment Canterbury prior to lodging this application?  Yes  No

2.2 If yes, please list the pre-application number if known:

*E.g. RMA165897. This number should be provided to you by the Consents Planner or Customer Services.*

2.1 Please list any pre-application meetings or advice (verbal and/or written) you have had with Environment Canterbury below:

Type of advice	Brief details, including who provided the advice and the date
<input checked="" type="checkbox"/> Meeting(s)	Planning Officers, discussions re: application, information, time frames, etc.
<input type="checkbox"/> Verbal advice	
<input type="checkbox"/> Written advice	
<input type="checkbox"/> Other (e.g. submitted draft application / AEE)	

## 3 BACKGROUND INFORMATION

3.1 Other consents at this property

3.1.1 Is there an existing wastewater discharge at the property?  Yes  No

3.1.2 **If yes**, will the wastewater treatment and land application system proposed in this application replace the existing system?

3.1.3 Please provide details of the existing treatment and land application system and why it is being replaced (e.g. soak hole, sand trench).

*Note: If there is an existing wastewater discharge on the property, please provide a plan showing the location of the existing discharge*

3.1.4 If you are applying for resource consent due to the failure of your current system, please explain why the existing system has failed, and how wastewater is currently being dealt with at the site.

*(e.g. there is a blockage in the distribution pipe and wastewater is ponding on the land surface, wastewater is currently being tankered off-site for disposal.)*

## 4 DESCRIPTION OF THE PROPOSED ACTIVITY

4.1 Single Lots and Subdivisions

4.1.1 Does this application relate to a discharge from a single lot or multiple lots?  Single Lot  Multiple Lots (Subdivision)

*If the application is for a single lot, please proceed to section 4.2.*

*If the application is for multiple lots within a subdivision, please complete the following questions:*

4.1.2 Has resource consent for the subdivision been granted?  Yes  No

4.1.3 **If yes**, please state the subdivision consent number if known.

4.1.4 How many lots are in the subdivision?

*Note: Resource consents are generally granted with a five-year lapse date. If the consent is not given effect to prior to this date, the resource consent will lapse, and is no longer valid. If you consider construction of the subdivision may take more than 5 years, you may wish to request an extended lapse date for your resource consent.*

4.1.5 Do you require a longer lapse date for your resource consent?  Yes  No

Requested length:

4.1.6 Do you require a resource consent for each lot?  Yes  No

4.1.7 **If no**, will the wastewater be **treated** in a decentralised treatment system, or will treatment occur via individual onsite systems?  Onsite Treatment Systems; or  Decentralised Treatment System

4.1.8 Who will be legally responsible for maintenance of the treatment and land application system(s)?

4.1.1 Has a body corporate or similar been established to ensure legal responsibility for the maintenance of the treatment and land application system?  Yes  No

**If yes**, please attach a copy of the body corporate agreement to this consent application.

4.1.2 **If no**, please state how you will ensure that the system will be maintained for the duration of the resource consent.

**Please attach a map showing the subdivision layout and the location of the treatment and discharge systems to this application form**

**4.2 Discharges from domestic dwellings**

4.2.1 Is the discharge only **domestic** wastewater from a dwelling?  Yes  **No**

**If yes**, please complete this section of the application form and then proceed to Section 4.4.

**If no**, please complete this section (if relevant) and then proceed to Section 4.4.

4.2.2 How many dwellings will you discharge from?

4.2.3 How many bedrooms in each dwelling?

4.2.4 How much wastewater will be produced per day per dwelling?

Litres per day (maximum)

*Note: The table below may assist you in determining how much wastewater will be produced per day per dwelling.*

Number of bedrooms	Daily flow (Litres)
1-3	1000
4	1400
5	1600
6	2000

4.2.5 If the volume of wastewater discharged is not consistent with the volumes listed in the above table please state why, citing any references to support your estimates.

4.2.6 Are you proposing any specific measures to ensure the volume of wastewater discharged does not exceed your estimate?

Yes  No

4.2.7 **If yes**, please list them below (e.g. flow monitoring, water restriction devices)

4.2.8 Are seasonal fluctuations in the volume of wastewater discharged likely?

Yes  No

4.2.9 **If yes**, please state how these fluctuations will affect the performance of your treatment system:

**4.3 Discharges from other sources**

4.3.1 Will there be a discharge from any sources other than domestic dwellings?

**Yes**  No

4.3.2 **If yes**, what other sources? Please provide a description of the facility:  
(e.g. school, residential care facility, restaurant etc.).

4.3.3 What contaminants other than domestic wastewater will be discharged? (e.g. hairdressing chemicals, photography chemicals, butchery etc.)

4.3.4 Will these contaminants be treated and discharged via your wastewater treatment and land application system?

**Yes**  No

4.3.5 **If no**, please state how these contaminants will be disposed of:

4.3.6 **If yes**, please state what specific treatment devices you are proposing to treat these contaminants (e.g. grease traps for kitchens, etc):

4.3.7 What is the total number of visitors/customers and/or staff at the site per day?

 persons per day

4.3.8 What is the total volume of wastewater that will be discharged per day?

4.3.9 How have you determined how much wastewater will be discharged?

*Note: guidance on discharge volumes for a range of operations can be found in the Australian / New Zealand Guidelines for Onsite Domestic Wastewater Management (AS/NZS 1547:2012).*

**4.4 Design of treatment system**

4.4.1 What type of wastewater treatment system is proposed?

Septic tank                       **Aerated treatment system**                       Packed bed reactor  
 Other, please specify:

4.4.2 If septic tank, how many chambers does the system have?

*Note: If your treatment system is not one of the systems listed above, please attach to this application form information on how the system will treat the wastewater and what level of treatment the system will provide. If you don't provide this information there may be significant delays and costs while this information is obtained.*

Please refer to application package.

Please refer to application package.

4.4.3 What model of system is proposed?

TBD

4.4.4 What is the operating capacity of the treatment system?

TBD Litres

4.4.5 What is the total capacity of the treatment system?

TBD Litres

4.4.6 Will the proposed system have a grease trap?

Yes  **No**

4.4.7 **If yes**, what is the type and capacity of the grease trap?

TBD

4.4.8 Will the wastewater pass through a proprietary filter prior to discharge to land?

**Yes**  No

4.4.9 How will the wastewater be distributed to the land application system?

**Pump**  Siphon

Other, please specify:

*Note: Environment Canterbury discourages the use of gravity-fed systems*

**4.5 Treatment Quality**

Please refer to the application package.

- 4.5.1 Will the discharge be UV treated?  Yes  No
- 4.5.2 Will the discharge be chlorinated?  Yes  No

*Note: If you are proposing a treatment system which includes chlorination, a detailed assessment of the effects of chlorine on the environment will be required in section 7 of this application form.*

4.5.3 What is the expected quality of treated wastewater being discharged from the treatment system?

Biochemical Oxygen Demand (BOD5)	mg/L
Total Suspended Solids (TSS)	mg/L
Faecal coliforms (FC)	cfu/100mL
Total Nitrogen (TN)	25-100 mg/L
Nitrate nitrogen (NO <sub>3</sub> -N)	25-100 mg/L

4.5.4 Please give details of the performance data that is the basis for the above expected quality claims:

**Please attach a map to this application form which shows the following:**

- **The location of the dwelling;**
- **The location of your test pits;**
- **The location of the land application system and the distance to all property boundaries, wells, watercourses, stormwater swales, drains, springs;**
- **An arrow indicating north; and**
- **A statement as to whether the map is to scale.**

**Please ensure the map is of sufficient quality to be attached to the consent document if required.**

**4.6 Design of land application system** Please refer to the application package.

4.6.1 What type of land application system is proposed?

- Dripline Irrigation System**  Sand Trench System  Other - please Specify:

*Note: If you are **not** proposing a dripline irrigation system, or sand trench system, please provide full details of the design of your land application system, a plan showing a cross section of the land application system and details and supporting evidence demonstrating how it treats contaminants in the discharge.*

4.6.2 Will the perimeter of the land application system be fenced to prevent vehicle stock and public access?  Yes  No

4.6.3 **If no**, please state how you will clearly demarcate the area of the land application system (e.g. signage):

*Note: It may be a requirement of your District or City Council to fence the land application system. We advise you to check this with the appropriate council.*

Please complete section 4.6.4 if you are proposing a drip irrigation system, and section 4.6.5 if you are proposing a sand trench system.

4.6.4 Dripline irrigation systems

- What type of irrigation lines are proposed?
  - Pressure compensating drip irrigation lines
  - Low pressure effluent lines**
- Total length of irrigation lines: Please refer to the application package.  metres
- Distance between irrigation lines:  metres
- Spacing between drip emitters:  millimetres
- Area of land application system:  square metres:  
*(i.e. length of irrigation lines (m) multiplied by distance between the lines).*
- If you intend to install your irrigation lines more than one metre apart, please state how you will ensure even distribution of wastewater across the land application system:
- Application rate:  millimetres / day  
*(equals the maximum wastewater flow in L/day ÷ the effective area of land of the application system in m<sup>2</sup>)*
- Where will the irrigation lines be installed?
  - mm above ground level
  - 100 **mm below ground level**
  - On the ground surface
- Will the irrigation lines be covered with between 100 and 150 millimetres of soil?  **Yes**  No

Note: Environment Canterbury discourages the use of drip irrigation tubing that is not covered with soil.

- Will the soil above the drip irrigation tubing be permanently grassed or vegetated?  **Yes**  No
- What vegetation will be provided within the disposal area?
- If the soil above the drip irrigation tubing will not be grassed or planted, please explain why:

Note: It may be a requirement of your District or City Council to plant the land application system with certain plants. They may have a list of plants for this purpose. We advise you to check this with the appropriate council.

4.6.5 Sand trench systems

- Trench length:  metres
- Trench width:  metres
- Spacing of holes on the distribution pipe(s)  millimetres
- Area of land application system:  square metres  
*(i.e. trench width (m) x trench length (m))*
- If you are proposing a trench with multiple distribution lines spaced more than 600 millimetres apart, please provide evidence to demonstrate that even distribution of wastewater will be achieved across the width of the trench:
- Application rate:  millimetres / day  
*(maximum wastewater flow L/day ÷ effective area of land application system in m<sup>2</sup>)*
- What is the treatment material?
  - 2A sand
  - Other, please specify:

Note: If you are not proposing to install 600 mm of 2A sand, please attach evidence (i.e. scientific publications and/or experimental field data) which clearly demonstrates the expected concentration of bacteria and/or viruses

at the base of the treatment material.

- What is the depth (thickness) of treatment material?
- What depth below ground level will the base of the treatment system be installed?  
*(i.e. the base of the 2A sand or other treatment material)*
- Will free draining material be installed at the base of the treatment material?
- **If no**, how will you ensure drainage of wastewater at the base of your land application system?

millimetres	
<input type="checkbox"/>	mm above ground level
<input type="checkbox"/>	mm below ground level
<input type="checkbox"/>	On the ground surface
<input type="checkbox"/>	Yes <input type="checkbox"/> No

**4.7 Maintenance**

4.7.1 Will you submit a letter signed by the person responsible for designing the system or another person experienced in the design of on-site wastewater systems to Environment Canterbury within one month of construction, to certify that the system is constructed and installed in accordance with the design plans?

Yes  No

4.7.2 What is the manufacturer's recommended service frequency for the proposed treatment and land application system?

Yearly servicing  
 Two times a year

TBD  Other (please specify)

4.7.3 Will your proposed treatment and land application system be serviced at the above frequency by a person experienced in the servicing of on-site wastewater systems?

Yes  No

4.7.4 If you are proposing a drip irrigation land application system with a service frequency of less than two services per year, or a sand trench land application system with a service frequency of less than one service per year, please provide details as to why your system does not need to be maintained at these frequencies:

N/A
-----

4.7.5 Please indicate if regular servicing will include the following:

- (i) Ensuring all access points on the treatment system are readily accessible for maintenance purposes
- (ii) Measuring the depth of solids and scum in the treatment tank(s)
- (iii) Pumping out the wastewater system if the solids and scum layers combined are greater than one half of the depth of the treatment tank
- (iv) Checking the outlet filter and cleaning it if necessary
- (v) Checking that the pump or siphon and/or float switches are working
- (vi) Checking and flushing distribution lines until water runs clear
- (vii) Pressure testing at the end of the distribution pipe(s)
- (viii) Maintenance of the vegetative cover

Yes;  No

Yes;  No

Yes;  No

Yes;  No

Yes;  No

Yes;  No

Yes;  No

Yes;  No

4.7.6 If you have ticked no to any of the maintenance procedures listed in (i) to (vii) above, please explain why this maintenance is not required:

--

4.7.7 Please specify any other servicing requirements for your proposed system and why this servicing is required:

--

4.7.8 Will you retain records of any servicing carried out on your system and make these available to Environment Canterbury on request?

Yes  No



**5 LEGAL AND PLANNING MATTERS**

**5.1 Please classify the proposed activity against the relevant rule(s) in the relevant regional plan**

5.1.1 Which regional plan does this activity fall under?

Land and Water Regional Plan

5.1.2 Please list the relevant rule(s) of this plan:

Please refer to the Planning Report.

5.1.3 What is the status of this activity?

- Controlled                       Restricted discretionary                       **Discretionary**                       Non-complying

In the table below, please provide a full assessment of the proposed activity against the above rule(s), including an assessment against each condition of each relevant rule.

Provide an explanation where relevant to demonstrate how your activity complies with the condition of the rule, or why it doesn't comply

**5.2 Land and Water Regional Plan** Please refer to the application package.

Rule 5.8 - The discharge of wastewater from a new, modified or upgraded on-site domestic wastewater treatment system onto or into land in circumstances where a contaminant may enter water

Condition	Can you comply with this condition?	Explanation where relevant
1. The discharge volume does not exceed 2 m <sup>3</sup> per day; and	<input type="checkbox"/> Y <input checked="" type="checkbox"/> <b>N</b>	
2. The discharge is onto or into a site that is equal to or greater than 4 hectares in area; and	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
2a. The discharge is not located within an area where residential density exceeds 1.5 dwellings per hectare and the total population is greater than 1000 persons; and	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
3. The discharge is not onto or into land:	<b>Can you comply?</b>	
(a) where there is an available sewerage network; or	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
(b) that is contaminated or potentially contaminated; or	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
(c) that is listed as an archaeological site; or	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
(d) in circumstances where the discharge would enter any surface water body; or	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
(e) within 20 m of any surface water body or the Coastal Marine Area; or	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
(f) within 50 m of a bore used for water abstraction; or	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
(g) within a Community Drinking-water supply Protection Zone area as set out in Schedule 1; or	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
(h) where there is, at any time, less than 1 m of vertical separation between the discharge point and groundwater; and	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
4. The treatment and disposal system is designed and installed in accordance with Sections 5 and 6 of New Zealand Standard AS/NZS 1547:2012 – On-site Domestic Wastewater Management; and	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
5. The treatment and disposal system is operated and maintained in accordance with the system's design specification for maintenance or, if there is no design specification for maintenance, Section 6.3 of New Zealand Standard AS/NZS 1547:2012 – On-site Domestic Wastewater Management; and	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
6. The discharge does not result in wastewater being visible on the ground surface; and	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	
7. The discharge does not contain any hazardous substance.	<input checked="" type="checkbox"/> <b>Y</b> <input type="checkbox"/> N	

**5.3 Variation 1 to the Proposed Canterbury Land and Water Regional Plan**

Regional Rules 5.7, 5.8 and 5.9 apply in the Selwyn Waihora catchment. Rules 11.5.1 and 11.5.2 apply as additions to Regional Rules 5.8 and 5.9.

Rule 11.5.1 - Within the Selwyn Waihora catchment Regional Rule 5.8 shall include the following additional condition:

Condition	Can you comply with this condition?	Explanation where relevant
1. The discharge of wastewater from a new on-site domestic wastewater treatment system is not within the Cultural Landscape/Values Management Area.	<input type="checkbox"/> Y <input type="checkbox"/> N	N/A

**5.4 Other Plans**

The [Ophi River Regional Plan](#) and [Waimakariri River Regional Plan](#) also contain rules which relate to discharges of wastewater onto or into land. If your site is located in an area covered by either of the above plans, and your discharge is either within 20m of a surface waterbody, or may result in the discharge entering surface water, you will need to assess your activity against the relevant plan below:

*If you are unsure, please contact Customer Services who may be able to help you answer this question.*

N/A

**5.5 Please provide an assessment of the proposed activity against any relevant objectives, policies or other provisions of any National Policy Statements, Coastal Policy Statements, National Environmental Standards, the Canterbury Regional Policy Statement, and any other relevant plan or proposed plan. A list of policies and objectives relevant to this proposal may be found in the planning assessment which accompanies this form.**

Please refer to the application package.

**5.6 The purpose of the Resource Management Act (1991) is to promote the sustainable management of natural and physical resources. Does your proposal meet the requirements of Part 2, Section 5 (view [here](#))?**

Y  N

PRINCIPLES

**5.7 Matters of National Importance (section 6 - view [here](#))**

5.7.1 Do you consider your proposed activity considers the Matters of National Importance?

Y  N

**5.8 Other Matters (section 7 – view [here](#))**

5.8.1 Do you consider your proposed activity considers Other Matters?

Y  N

**5.9 Treaty of Waitangi (section 8 – view [here](#))**

5.9.1 Do you consider your proposed activity consider the principles of the Treaty of Waitangi?

Y  N

## 6 CONSULTATION AND WRITTEN APPROVAL OF AFFECTED PERSONS

Consultation with all persons potentially affected by your activity prior to lodging your application may result in considerable time and cost savings.

### Ngāi Tahu in Canterbury

Te Rūnanga o Ngāi Tahu is the statutory authority representing iwi members and includes ten local rūnanga within Canterbury, known as Papatipu Rūnanga. 'Papatipu' refers to ancestral land. Local rūnanga have the status of mana whenua with kaitiaki status (guardianship) over land and water within their takiwā (territory).

Depending on where the activity is to occur within Canterbury, the values of one or more Papatipu Rūnanga may be affected. Iwi interests as a whole may also be affected where an activity is to occur within, adjacent to, or affecting an area recognised in the Ngāi Tahu Claims Settlement Act 1998 as a Statutory Acknowledgement area. In those circumstances, Te Rūnanga o Ngāi Tahu will be involved in management of the area.

For more detail on Ngāi Tahu and assistance with answering the question below please refer to our webpage [Ngāi Tahu and the consent process](#)

Have you consulted with the Papatipu Rūnanga and/or Te Rūnanga o Ngāi Tahu?  Yes  No

If 'Yes', please state who you have consulted with and attach any evidence of your consultation, including any written approvals for this application:

**Note:** Ngāi Tahu as an iwi, and specifically Papatipu Rūnanga representing mana whenua, are considered an affected party where effects on cultural values are minor or more than minor, in accordance with Section 95E of the RMA. Environment Canterbury MUST notify an application if the adverse effects of your proposed activity on cultural values are determined to be minor or more than minor unless you have obtained the written approval of Papatipu Rūnanga and/or Ngāi Tahu for your proposal. Consultation before lodging your application is one of the best ways of identifying adverse effects.

### Non-notified applications

Non-notified consents are for activities which have minor adverse effects on the environment. For your activity to be considered on a non-notified basis you must determine whether there are any persons potentially affected by your proposed activity and if there are, you must consult them and obtain their written approval (e.g., Iwi, Fish and Game Council, Department of Conservation, Land Information New Zealand, Owners of nearby structures/infrastructure (e.g. NZTA), Other consent holders, Neighbouring land owners and occupiers, Environment Canterbury River Engineering). If you are unsure who may be an affected party, please call us. Non-notified consents are significantly cheaper and quicker to process.

### Limited notified and fully notified applications

Notified consents (either limited notified or fully notified consents) are for activities which do not meet requirements in the RMA for processing on a non-notified basis.

If your assessment of effects has shown that adverse effects on the environment are likely to be more than minor and/or there are people who may be adversely affected from whom you are unable to obtain written approval, you may wish to request that your application be publicly notified. This will avoid possible delays in the processing of your application.

The final decision to notify or not notify an application will still be made by Environment Canterbury.

Please note that an application cannot be notified unless there is sufficient information for the notice that makes it clear what is being applied for, and how it might affect the environment (including people).

**I request that my application is notified.**  (check box)

Please provide any consultation details and written approvals obtained in the space provided below.

**6.1 Consultation details**

- 6.1.1 Have you consulted with iwi?  **Yes**  No
- 6.1.2 **If yes**, who did you consult?
- 6.1.3 Have you consulted with any neighbours or other parties who may be affected by your proposal?
- 6.1.4 **If yes**, please state who you have consulted with, and provide any evidence of your consultation:
- 6.1.5 How have you addressed any concerns they may have had?

**6.2 Written approval of affected parties**

- 6.2.1 Have you obtained any written approvals from any persons for your proposed activity?  Yes  No

**If yes**, please give their details below. Please note that for us to accept the approvals they must each complete and sign the Written Approval of Persons Likely Affected – FORM8A, found [here](#). Please attach the completed forms to this application.

Name	Address	Contact details (phone, email etc.)

**7 DESCRIPTION OF THE AFFECTED ENVIRONMENT AND ASSESSMENT OF ACTUAL & POTENTIAL EFFECTS OF THE ACTIVITY ON THE ENVIRONMENT**

**You must include an assessment of the effects of your proposal on the environment in this part of your application.**

[Section 88](#) of the Resource Management Act 1991 requires that each application includes an assessment of the actual and potential effects of the activity on the environment. This assessment must be prepared in accordance with the [Fourth Schedule](#) of the Resource Management Act. A copy of this schedule is available [online](#) or from Customer Services.

The assessment of effects will differ for each application depending on the type and scale of the activity. Consultation is one of the best ways of identifying adverse effects. Please contact Customer Services with any questions on [ecinfo@ecan.govt.nz](mailto:ecinfo@ecan.govt.nz) or via phone on (03) 353 9007 or 0800 324 636 (0800 EC INFO).

For further assistance in preparing this assessment, you may find the Ministry for the Environment Publication "[A guide to preparing a basic assessment of environmental effects](#)" useful.

*Note: If the section below is not fully completed, your application may be returned as incomplete. Please ensure all questions are answered in full.*

*You can obtain most of the following information from our GIS mapping programme Canterbury Maps which you can access on the Environment Canterbury website: <http://ecan.govt.nz/services/online-services/gis-mapping/pages/enter-gis.aspx>*

*Alternatively, you can contact Customer Services who may be able to help you obtain some of the following information.*

**7.1 Topography**

Please refer to the application package.

- 7.1.1 What is the gradient of the slope at the site of your land application system?
  - <10 degrees
  - 11 – 15 degrees
  - More than 15 degrees
- 7.1.2 How was this determined?
- 7.1.3 If the land application system will be located on land with a steep gradient (15o or greater), what measures will you use to prevent run-off of wastewater?
- 7.1.4 What measures will you use to prevent surface water or stormwater entering the land application system? (e.g. cut-off drains etc).

Please refer to the application package.

**7.2 Soil** Please refer to the application package.

To determine the soil profile at your site, a test pit should be dug on or close to the location of your land application system.

- 7.2.1 In the box below, please specify the soil and subsoil types at the location of the land application system (e.g. gravels, sands, sandy loams, loams, clay loams, light clay, medium to heavy clay etc) and the thicknesses of each of these soil layers.

**Note: the soil must be profiled to a depth of at least 600 millimetres below the discharge point (e.g. 600 mm below the drip irrigation lines or 600 mm below the base of the 2A sand layer in the sand trench).**

Soil Type and category	Thickness of layer
	mm
	mm
	mm
	mm
	mm

- 7.2.2 How was the soil profile determined? (e.g. via a test pit).
- 7.2.3 How many test pits were excavated and where?

**Please indicate the location of the test pit(s) on your location map**

- 7.2.4 What were the depths of these holes?
- 7.2.5 What date were these holes excavated?
- 7.2.6 What is the least permeable soil type and category observed in the test pit? (Please use Table E1 of the AS/NZS 1547:2012 standards for the assessment of soil textures and types).
- 7.2.7 Is your proposed application rate appropriate for the least permeable soil type observed and consistent with Table M1 of the AS/NZS 1547:2012 standards?  Yes  No
- 7.2.8 **If no**, please explain how you will ensure the infiltration capacity of the soil is not exceeded:

**Please attach colour photographs of your test pit(s) to your application.**

**7.3 Groundwater**

Please refer to the application package.

**7.3.1 Groundwater Direction**

- In what direction does groundwater flow beneath your property, e.g. northwest to south east?
- How have you determined the groundwater flow direction?

**7.3.2 Aquifer Type** Please refer to the application package.

- What type of aquifer is your discharge located over?
  - Coastal confined
  - Semi-confined/unconfined
  - Neither

*Note: If your discharge will occur within the Christchurch Groundwater Protection Zones 1, 1A, 1B, 1C, 1D or 2, a detailed assessment of the effects of the discharge on groundwater quality will be required in section 7.4 of this form*

**7.3.3 Depth to Groundwater**

Please refer to the application package.

- Was groundwater observed in the test holes?  Yes  No
- **If yes**, at what depth below ground level? 

millimetres
- Were any iron stains or signs of mottling observed in the test holes?  Yes  No
- **If yes**, at what depth below ground level? 

millimetres
- Have you taken groundwater readings from your on-site well or a neighbouring well that might indicate the water table level below your property?  Yes  No
- **If yes**, please state the well number, the distance from your land application system, and the observed groundwater level recorded and the date the reading(s) were taken:
- Does Environment Canterbury have groundwater level data for wells located within one kilometre of your property? (You can find groundwater level data on our online GIS system)  Yes  No
- **If yes**, please complete the following table:

Well Number	Well depth (metres)	Distance (in metres) and direction from land application system	Highest groundwater reading (metres below ground level) <i>(please ensure you subtract the measuring point)</i>	Number of readings	Years readings were taken
<i>Example: L35/0241</i>	8.9	180m NW	2.6	87	1973 to 1989

- If any of these groundwater readings are not relevant to your property, please explain why (e.g. your property is on a higher terrace than these wells, the groundwater below your property is artesian, etc.)

- Based on the above analysis, what is your assessment of the highest potential seasonal groundwater level at the site?

metres below ground level

**7.4 Groundwater Quality**

Please refer to the application package.

7.4.1 Does Environment Canterbury have groundwater quality data for wells located within one kilometre of your property?  Yes  No

7.4.2 **If yes**, please complete the following table:

Well number	Well depth (metres)	Distance (in metres) and direction from land application system	Number of samples taken	Highest concentration of bacteria in all samples taken	Highest concentration of nitrate nitrogen in all samples taken	Years readings were taken
<i>Example: L35/0241</i>	8.9	180 m NW	5	18 cfu/100 ml	4.5 mg/100 ml NO <sub>3</sub> -N	Between 1999 & 2006

7.4.3 If any of these readings are not relevant to your property, please explain why:

7.4.4 Based on the above analysis, what is the likely maximum concentration of nitrate nitrogen in the groundwater surrounding your site?

mg/L nitrate nitrogen

7.4.5 How was this determined?

7.4.6 What is the likely concentration of faecal coliform bacteria or *E. coli* in the groundwater surrounding your site?

cfu/100 mL  
MPN/100mL

7.4.7 How was this determined?

7.4.8 Are there any discharges to land (including any other wastewater discharges) within 500 metres of your property? (e.g. dairy shed effluent discharges, meat works discharges, wastewater discharges etc.)

Yes  No

7.4.9 **If yes**, please specify details and consent numbers if known:

7.4.10 Is the property listed on Environment Canterbury's Listed Land Use Register (LLUR) or is being/has been used for any HAIL activity?

Yes  No

7.4.11 **If yes**, please provide details:

Note: To find out if the property is listed on the LLUR please see <http://llur.ecan.govt.nz/>  
HAIL activities are listed on the Ministry for Environment's Hazardous Activities and Industries List. More information on HAIL activities can be found at [www.mfe.govt.nz/issues/hazardous/contaminated/hazardous-activities-industries-list.html](http://www.mfe.govt.nz/issues/hazardous/contaminated/hazardous-activities-industries-list.html).

**7.5 Adverse effects of the discharge on groundwater quality**

Please refer to the application package.

7.5.1 **Nitrate-nitrogen** Please refer to the application package.

- What is the expected concentration of nitrogen in the wastewater exiting the treatment system (e.g. exiting the septic tank or aerated treatment system)?
- What testing have you undertaken and/or what data have you used to determine this?

mg/L of nitrate nitrogen  
mg/L of total nitrogen

Please attach test results to demonstrate treatment capability for the proposed



system.

- Will your land application system provide any additional removal of nitrate nitrogen?
- **If yes**, please state the expected nitrate-nitrogen concentration at the point the discharge enters groundwater, **and** state how your land application system provides additional removal:
- What evidence have you relied on to determine this?
- Please provide a detailed assessment of the effect the discharge of nitrate-nitrogen will have on groundwater quality, including evidence to support your assessment.

Yes  No




**7.5.2 Pathogens** Please refer to the application package.

- What is the expected concentration of faecal coliform bacteria exiting your wastewater treatment system (e.g. exiting the septic tank or aerated treatment system)?
- What testing have you undertaken and/or what data have you used to determine this?
- Please attach test results to demonstrate the treatment capability.
- What is the distance between the base of your land application system and highest groundwater level?

cfu/100 mL

metres

*Note: the base of the land application system is defined as the discharge point, which is the level of the drip irrigation lines, or the base of the 2A sand in a sand trench.*

- Will your land application system provide any additional removal of pathogens from the discharge?  Yes  No
- **If yes**, please state the expected pathogen concentration at the point the discharge enters groundwater, describe how this has been calculated, **and** state how your land application system provides additional removal:
- What evidence have you relied on to determine this?
- Please provide a detailed assessment of the effect the discharge of pathogens will have on groundwater quality, including evidence to support your assessment.




**7.5.3 Cumulative Effects** Please refer to the application package.

*Where several discharges exist in close proximity to one another, adverse cumulative effects on groundwater quality may occur. This occurs as a result of insufficient separation between discharges to allow dilution of nitrate nitrogen in groundwater.*

- What is the distance between your proposed land application system and the nearest discharge?
- Please provide an assessment of the cumulative effects this discharge in combination with other discharges (or existing water quality) will have on groundwater quality.



**7.6 Drinking Water Supplies**

7.6.1	Where is the drinking water for the property sourced? ( <i>E.g. public supply, private well, rainwater tank</i> )	TBD
7.6.2	<b>If provided by a well</b> , please state the well number and the distance and direction from the land application system:	Yet to be applied for
7.6.3	Where do your neighbours obtain their drinking water supplies from?	Rain water
7.6.4	<b>If provided by a well</b> , please state the well number and the distance and direction from the land application system:	
7.6.5	Are there any community drinking water supply wells or intakes, group drinking water supply wells, or National Environmental Standard registered drinking water abstraction points within a 2,000 m radius of your land application system?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> <b>No</b>
7.6.6	<b>If yes</b> , please state the location of these wells (relative to your land application system):	
7.6.7	Is your land application system within the water supply protection zone of a private, group or community drinking water supply well?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> <b>No</b>
7.6.8	<b>If yes</b> , please provide a detailed explanation as to why your discharge will not adversely affect the owner of this bore from abstracting a potable drinking water supply:	
7.6.9	Where is the closest groundwater bore (not used for community supply) to your land application system? <i>(Please state the well number, distance and direction from your land application system)</i>	

*Note: All well locations shown in Environment Canterbury's GIS database are indicative only. All locations should be confirmed via consultation with well owners or by site visits.*

**7.7 Flood Potential** Please refer to the application package.

7.7.1	Has a flood hazard assessment ever been undertaken on your property?	<input checked="" type="checkbox"/> <b>Yes</b> <input type="checkbox"/> No
<i>Note: To find out about flood hazard assessments on your property, please contact Customer Services.</i>		
7.7.2	<b>If yes</b> , please provide details, and attach a copy of the flood hazard assessment to the application form:	
7.7.3	Has the site of your land application system ever experienced flooding from either rainfall events or river overflows?	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.7.4	<b>If yes</b> , how often does your property experience flooding?	
7.7.5	Has the site of the proposed land application system ever been covered with water from a river in flood or from rainfall?	<input type="checkbox"/> Yes <input type="checkbox"/> No
7.7.6	<b>If yes</b> , please explain state what measures you are proposing to prevent flooding of the land application system:	

**7.8 Adverse effects of the discharge on human and stock health**

**7.8.1 Drinking water supplies**

- What effect will your discharge have on the drinking water supplies of neighbouring properties? Please explain your answer. None as neighbouring properties use rain water

**7.8.2 Contact with pathogens**

- What is the distance between your land application system and the closest property boundary? 20 metres

- How will you prevent emergence of wastewater at the land surface and adverse effects on public health?

Please refer to the application package.

*Note: If you are in an area with poor drainage (e.g. over the coastal confined aquifer system) during periods of heavy rainfall the soils at your site are likely to become saturated. When soils become saturated, the ability of the soils to remove pathogens is reduced, and drainage of wastewater may not occur.*

*When designing your land application system, you will need to consider how you will ensure that the discharge always occurs into unsaturated soil, particularly where you are close to neighbouring property boundaries. You may wish to consider options such as mounding your land application system to ensure the treatment material remains unsaturated and greater separation between your land application system and property boundaries.*

## 7.9 Surface Water

- 7.9.1 Please state the location, including distance and direction of the nearest surface waterbodies to your land application system:

20m north

Note: the term surface waterbody includes rivers, streams, springs, drains, artificial watercourses, wetlands and stock water races)

- 7.9.2 Name of surface water body:

Whitneys Creek

## 7.10 Adverse effects of the discharge on surface water quality

- 7.10.1 Please provide an assessment of the effect the discharge of wastewater will have on surface water quality, including evidence to support your assessment:

Please refer to the application package.

## 7.11 Adverse effects on Ngāi Tahu Values and historic values

8.2.4 If you have answered 'Yes' to any of the questions in this section, please attach a detailed assessment of effects on the drinking water supply and also list the number of the bore or surface water abstraction point (SWAP), the distance between the discharge and the intake, and the owner of the water supply.

*Note: Environment Canterbury recommends that you consult with the owner of the water supply to help you identify the extent of any potential effects. If you obtain written approval from the owner, Environment Canterbury is required to disregard any potential effects on the water supply.*

### 8.3 Effects on Ngāi Tahu Cultural Values

Please refer to the application package.

- 7.11.1 Which Papatipu Rūnanga cover(s) the site where the proposed activity is to occur?

Te Runanga o Waihao

- 7.11.2 Is the proposed activity occurring within, adjacent to, or likely to affect a Statutory Acknowledgement Area?

Yes  **No**

- 7.11.3 Is the proposed activity within a silent file area?

Yes  **No**

- 7.11.4 Please provide an assessment of the effects of the proposed activity on Ngāi Tahu values. To do this you will need to reference the relevant policies in the [Iwi Management Plans](#). Where appropriate, this assessment may include detail on the effects of the proposed activity on: sites of historic or cultural significance, surface water and groundwater quality, flora and fauna of cultural significance, areas of historical or spiritual importance, areas of significant landscape value, and waterways and wetlands.

7.11.5 Please provide details on the steps that you will take to ensure effects on Ngāi Tahu values are avoided, mitigated or remedied:  
Please refer to the application package.

**Other**

7.11.6 Will you provide a copy of the resource consent to any person exercising your consent and explain to them how to comply with the conditions of the consent?  **Yes**  No

7.11.7 Will you notify Environment Canterbury at least two days before starting works?  **Yes**  No

7.11.8 If you answered "No" to any of the questions above, please explain why.

7.11.9 Is the site an historical site?  Yes  **No**

*If yes, please contact Heritage New Zealand Pouhere Taonga.*

*Please note that under the Historic Places Act 1993 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. For sites solely of Māori origin, this evidence may be in the form of accumulations of shell, bone, charcoal, burnt stones, etc. In later sites, artefacts such as bottles or broken glass, ceramics, metals, etc, may be found or evidence of old foundations, wells, drains, tailings, races or other structures. Human remains/koiwi may date to any historic period.*

*It is unlawful for any person to destroy, damage, or modify the whole or any part of an archaeological site without the prior authority of the Heritage New Zealand. 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 Historic Places Act provides for substantial penalties for unauthorised damage or destruction.*

**7.12 Adverse effects of the discharge on amenity values** Please refer to the application package.

7.12.1 Are there any dwellings (except your own dwelling) or any places where people gather within 30 metres of the vents of your land application system?  Yes  No

7.12.2 **If yes**, please specify the distance from the closest dwelling to any vents:

7.12.3 What effect will your discharge have on amenity values? Why?

**7.13 Other effects applicable to this site** Please refer to the application package.

7.13.1 Please provide an assessment of any other effects that may be relevant:  
*(e.g. this may include an assessment on the effects of chlorine on the environment if you have proposed to treat the wastewater with chlorine)*

**8 ADDITIONAL MITIGATION MEASURES**

**8.1 Please provide details of any mitigation measures proposed that have not been included elsewhere in this application:** Please refer to the application package.

## 9 CONSIDERATION OF ALTERNATIVES

**9.1 Please provide an assessment of:** Please refer to the application package.

- (a) the nature of the discharge and the sensitivity of the receiving environment to adverse effects; and
- (b) the applicant's reasons for the proposed choice; and
- (c) any possible alternative methods of discharge including discharge into any other environment.

Please explain which alternative locations or treatment options were considered and why they were rejected:

*Note: This information is required under Section 105 of the Resource Management Act. If you don't complete this section your application will be returned to you as incomplete.*

## 10 OTHER INFORMATION

### 10.1 Duration requested

10.1.1 Please specify the duration sought for your consent(s):

35	years	months.
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*Note: The maximum duration allowed under the Act is 35 years.*

### 10.2 Start date

*Note: Resource consents lapse five years after their commencement date unless the consent has been given effect to or an application is made to Environment Canterbury to extend this period.*

10.2.1 When do you propose to start the activity? (day/month/year)

2024		
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### 10.3 Additional notes to applicants

- Your application must be publicly notified unless Environment Canterbury is satisfied that the adverse effects on the environment will be minor and written approval has been obtained from every person Environment Canterbury considers may be adversely affected by the granting of your application (unless Environment Canterbury considers it unreasonable to require the obtaining of every such approval).
- Section 128 of the Resource Management Act 1991 sets out the circumstances in which Environment Canterbury may review the conditions of a resource consent. Under Section 128(c) Environment Canterbury may undertake a review at any time if the application contained any inaccuracies which materially influenced the decision made.
- The information you provide with your application, which includes all associated reports and attachments, is official information. It will be used to process your application and, together with other official information, assist in the management of the region's natural and physical resources. Access to information held by Environment Canterbury is administered in accordance with the Local Government Official Information and Meetings Act 1987, and Privacy Act 1993. Your information may be disclosed in accordance with the terms of these Acts. Public access is also provided to consent information via Environment Canterbury's website. *Environment Canterbury may withhold access to information in certain circumstances.* It is therefore important you advise Environment Canterbury *about any concern you may have about disclosure of any of the information, which includes all associated reports and attachments, you have provided in this application (e.g. protection of personal information, trade secrets, commercially sensitive material, information which, if released, may cause serious offence to tikanga Maori, or any other information you consider should not be disclosed. While Environment Canterbury may still have to disclose information under the above legislation, it can consider any concern you wish to raise.*

Please describe any concerns here:

**10.4 Errors and omissions**

10.5.1 When you receive your Resource Consent Documents please check that the details are correct. You have a 15 working day period after the decision is notified to allow you to object or advise of errors or omissions without cost.

**11 APPLICANT SIGNATURE AND DATE**

I/we **have read** all of the information on this application form and I understand all of the notes and I understand that I am liable to pay all actual and reasonable charges relating to the processing of this application.

I/we **also understand** that if the application is granted, I will be liable to pay all actual and reasonable charges related to compliance monitoring of the consent.

I/we **also agree** to advise Environment Canterbury if any of my/ our contact details change.

	<input type="text" value="25/11/2022"/>	<input type="text" value="Paul Duder"/>
Signature of <b>applicant</b>	Date	Full name of person signing – please print

**or Duly Authorised Person**

	<input type="text"/>	<input type="text"/>
Signature of <b>applicant</b>	Date	Full name of person signing – please print

**or Duly Authorised Person**

**Note: Environment Canterbury must have written authorisation to process your consent application. Both the consultant (if used) and the applicant must sign this section.**

- Where there are multiple people applying for consent, all persons must sign this form.
- If a company is the applicant, at least one director must sign this form.
- Anyone else who is applying for consent on behalf of another person, group of people or a company (e.g. a manager applying on behalf of a company) can sign this form and submit the application. However, written authorisation from the persons or company on behalf of which the consent is being applied for must be supplied with this application.

**12 CONSULTANT SIGNATURE AND DATE**

	<input type="text" value="25/11/2022"/>	<input type="text" value="Sukhi Singh"/>
Signature of <b>consultant</b>	Date	Full name of person signing – please print

**CHECKLIST**

Please ensure you:

- Complete all parts of this application form.
- Include an assessment of effects of the activity on the environment, set out in Section 7 of this application form.
- Include a site plan.
- Include a copy of the certificate of title, rates demand, subdivision plan or valuation notice for the site your application relates to.

- Sign and date this application form (both applicant and consultant if one is used).
- Include the appropriate initial fixed charge as set out [here](#)

Consider consulting local Rūnanga:

- If your proposed activity occurs:
  - (a) Within a statutory acknowledgement area
  - (b) Within a silent file area
  - (c) Close to a site of cultural significance, or
  - (d) Otherwise affects a site of cultural significance.

### 13 LOCATION PLAN

Please complete this plan showing the site with the location of the proposed activity and indicate any relevant identifying features such as buildings, roads, rivers, etc or other relevant details, or alternatively, attach a plan or map to this consent application.

