

## CON061: APPLICATION FOR RESOURCE CONSENT

### TO DISCHARGE STORMWATER INTO SURFACE WATER

Including discharge into a network operated by a city or district council which discharges into surface water.

*If you need help in filling out this form please contact our Customer Services staff on (03) 353 9007 or toll free 0800 EC INFO (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 deposit charge specified in the "Summary of Resource Consent Charges" or at <http://ecan.govt.nz/advice/resource-consents/applying-resource-consent/Pages/resource-consent-processing.aspx>. The deposit 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 deposit	<a href="#">Rangitata Diversion Race Management Limited</a>
Method of payment: cheque/internet banking/paid in person at Environment Canterbury office	<a href="#">Internet banking</a>
Date payment is made	
Payment reference e.g. applicant name	<a href="#">RDRML</a>

#### When you have completed this form

To submit your application and the relevant fixed charge or deposit, you need to either email it to [ecinfo@ecan.govt.nz](mailto:ecinfo@ecan.govt.nz), or send it to: **Environment Canterbury, PO Box 345, Christchurch 8140.**

## 1 APPLICATION DETAILS

Please complete all questions and sign and date the form.

### 1.1 Applicant(s) details

Surname:		First names (in full):	Mr
Surname:		First names (in full):	Mr
OR Registered Company name and number:		Rangitata Diversion Race Management Limited #394028	
Postal address:	18 Kermode Street, Ashburton	Postcode:	7740
Billing address (if different):		Postcode:	
Phone (home):		Phone (work):	
Cell phone:	021 893 944	Email address:	ben@rdmml.co.nz
Contact person:	Ben Curry		

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

☐ Yes ☒ No

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

Contact person:	Gavin Kemble	Company:	Ryder Consulting Limited
Postal address:	PO Box 13009, Tauranga	Postcode:	3141
Phone (work):	07 571 8289	Cell phone:	0274 377 613
Email address:	g.kemble@ryderconsulting.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 land owner.)

Owner:		Phone:	
Postal address:		Postcode:	
Occupier:		Phone:	
Postal address:		Postcode:	

## 1.4 Location of the proposed activity

Site address:	906 Shepherds Bush Road and 108 Klondyke Terrage, Ashburton District		
Locality (City/District):	Ashburton District	Map reference NZTopo50:	X: 1,461,626 mE; Y: 5,143,556 mN
Area of property (m <sup>2</sup> /ha):	500ha+	Legal description:	Lot 2 DP482124, Pt Lot 1 DP2767, RS36179, Res 1002, Lot 3 DP677665, Lot 1 DP482124, Section 1 SO7312, Lot 4 DP482124, Section 1 SO15627, Pt Lot 1 DP3403 and Pt Lot 1 DP2768

*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 checked="" type="checkbox"/> Ashburton DC | <input type="checkbox"/> Kaikoura 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 type="checkbox"/> 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:

Landuse

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?

Lodged

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.

Please refer attached documents.

## 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

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

Abstraction of water from the Rangitata River: Active (CRC011237) - no changes proposed to this consent.

1.6.3 Is this application for a: ☒ New activity ☐ Existing Activity ☐ Change of conditions for an existing consent

1.6.4 If yes, please supply the consent reference number(s) or consent holder's name (if different from current applicant's name):

**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)	
<input checked="" type="checkbox"/> Verbal advice	
<input checked="" type="checkbox"/> Written advice	
<input checked="" type="checkbox"/> Other (e.g. submitted draft application / AEE)	

## 3 DESCRIPTION OF THE PROPOSAL

Please provide a description of the proposal on your site, 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:

The Proposal involves seven separate components, being:

1. The additional abstraction of up to 10 cubic metres per second from the Rangitata River, when the River is flowing at greater than 140 cumecs. While this flow can be abstracted via the RDR's existing intake at Klondyke, localised widening and raising of the canal embankments is needed. The area of the RDR affected by the proposed works is, in broad terms, from the Klondyke intake to the proposed water storage facility (hereafter referred to as 'the Site').
2. The replacement of the existing 'BAFF' fish screen with a fixed screen / gallery (hereafter referred to as the 'Fish Screen'). Associated works include the disestablishment of the BAFF fish screen and its associate 'fish return channel', and the construction of a new fish return channel.
3. The construction and operation of a substantial water storage facility, including a new spillway / sluicing channel back to the Rangitata River.
4. The construction and operation of a white water course ('WWC'), in the form of a standing wave feature, with the associated amenities.
5. The 'removal' of Shepherds Bush Road (hereafter referred to 'SBR'), and its reestablishment further to the South.
6. Modifications to a series of intersections on the expected transportation routes for vehicles involved in the construction of the five preceding components.
7. The establishment of a lizard sanctuary ('LS'), three landscaped buffers (which will include native plantings) and a wetland.

This application is for:

☐ Industrial property

☐ Residential property

☐ Commercial property

### 3.1 Site details:

(circle or highlight metres or hectares to specify)

Total area of site: **500+** Square metres/hectares

Total roof area: **0** Square metres/hectares

Area of roads: **0** Square metres/hectares

Hardstand area on lots: **0** Square metres/hectares

Other hardstand areas:  
(including rights-of-way) **0** 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?

☐ Yes ☒ No

*Note: If 'Yes', please supply a map reference for each individual lot in the NZ Topo50 Map reference format e.g. NZTM BX24:7069-8016.*

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 for all channels, pipes and overland flow paths;
- 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:

[Refer application documents](#)

## 3.3 Roofs

3.3.1 Will the stormwater system be designed to prevent the entry of all other surface runoff? ☐ Yes ☐ No.

If no, please describe:

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

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

- by settling, e.g. detention pond, etc.? ☐
- by filtration, e.g. swale, etc.? ☐
- by a proprietary device? ☐
- by infiltration e.g. a system fitted with underdrains? ☐

3.4.2 Will the first flush of stormwater be treated separately from the rest of the stormwater? ☒ Yes ☐ No

3.4.3 If yes, from which surfaces? ☐ Roads ☐ Hardstand on lots ☐ Other hardstand areas

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

3.4.5 If yes, what volume will be treated? cubic metres

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

3.4.7 What is the capacity of the stormwater system(s) in terms of flood attenuation:

- Storm events:
- Duration:
- Volumes (m<sup>3</sup>):
- Flow rate (l/s):

[5 year](#)

[10 hour](#)

[refer application documents](#)

[refer application documents](#)

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

3.4.8 What are the pre- and post-development flow rates from the site:

	2 year storm	5 year storm	10 year storm	20 year storm	50 year storm
	Duration:	Duration:	Duration:	Duration:	Duration:
Pre					
Post					

*Provide the flow rates and volumes for the appropriate storm duration from your site and in the receiving environment.*

*Rainfall intensity and duration should include an allowance for climate change effects: 1.9 °C.*

*Rainfall intensity and duration data can be obtained from NIWA rainfall data at <http://hirds.niwa.co.nz/>.*

*If there is a critical rainfall event and duration for the catchment please specify how this was determined and the pre and post*

[Refer application documents](#)

3.4.9 How is stormwater discharged from the stormwater system?

[Refer application documents](#)

3.4.10 What are the secondary flow paths for stormwater when the capacity of the stormwater system is exceeded?

[Refer application documents](#)

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.

Conveyance method to the stormwater system:

Please supply the maximum volume of stormwater from rainfall events up to and including a 2% AEP 24 hour rainfall event that will exceed the capacity of the treatment devices and discharge off-site:

3.4.11 Have you used any published guidelines or specifications to design the stormwater system?

☒ Yes, they [Canterbury Erosion and Sediment Control Guidelines](#) are: ☐ No

*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.*

## 3.5 Design details of the stormwater system

3.5.1 Do any / all the sumps have submerged outlets?

☒ No

☐ Yes, the following:

3.5.2 Settling/attenuation devices – please answer these questions if you will be installing a detention device. Otherwise please go to 3.5.3.

• Volume of the device:

• Detention time in the device – at least: ☐ 24 hours ☐ 48 hours ☐ other:

3.5.3 Discharge rate from the device:

[Refer application documents](#)

3.5.4 Swales – please answer these questions if you are installing a swale. Otherwise please go to 3.5.4

• Swale dimensions: Length: m base width: m  
side slope: :1 Longitudinal slope: metres per metre.

- What will the swale grass length be maintained at? mm to mm  
(Our expectation is in a range between 50 and 150 mm)

- Will the swale have an average residence time of at least 9 minutes? ☐ Yes ☐ No ☐ N/A

**3.5.5 Infiltration systems – please answer these questions if you are installing an infiltration system. Otherwise please go to 3.5.5**

- What will the volume of the device be? cubic metres
- What will the base area of the device be? square metres

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

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

- Will the infiltration rate for the treatment system have an infiltration rate between 12 and 75 mm/hr? ☐ Yes ☐ No

- Will the infiltration system be fitted with an underdrain(s)? ☐ No ☐ Yes, they will discharge into:

- Will the rain garden be designed with at least 1000 mm of topsoil? ☐ Yes ☐ No
- Will the rain garden be vegetated with water-tolerant plant species? ☐ No ☐ Yes, as follows:

**3.5.6 Proprietary devices – please answer these questions if you are installing a proprietary device. Otherwise please go to 3.5.6.**

- Which device will be used?

- What flow is the device capable of treating before flows bypass? [Our expectation is flows from the catchment as a result of 5mm of rainfall] will be treated before bypass

- Note: If a Proprietary device will be used please provide the sizing sheet produced by the manufacturer.*

**3.5.7 Please describe any other components of the stormwater system, including all relevant design specifications, treatment capabilities, and capacities.**

At least one month prior to the construction of the stormwater system, will you submit to Environment Canterbury, Attention: RMA Compliance and Enforcement Manager, design plans of the stormwater system to be installed?

- ☒ Yes ☐ No



3.5.8 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? This expectation for the consent.

☒ Yes ☐ No, because

## 3.6 Nature of the discharge

3.6.1 List all potential sources of contaminants at the site. Include those which may result from accidental spills.

[sediment, fuel storage - refer application documents.](#)

3.6.2 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. Please also provide an explanation regarding why these guidelines values were selected.*

## Performance of mitigation measures

3.6.3 Will any potential contaminants NOT be treated by the stormwater system? ☒ Yes ☐ No ☐ N/A

Please detail:

[Refer application documents](#)

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

[Refer application documents](#)

## 3.7 Inspections, maintenance and monitoring of the stormwater system

3.7.1 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.*

*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.*

3.7.2 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

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

3.7.4 How often will the stormwater system be inspected?

☐ Annually ☐ 6-monthly ☐ 4-monthly ☒ Other:

3.7.5 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

3.7.6 Will you monitor contaminant concentrations in the soil in any infiltration devices?

☒ Yes ☐ No, every 2 or 5 or 10 or \_\_\_\_\_ years.

- The following contaminants will be monitored:

[Refer application documents](#)

- The proposed trigger levels are:

[Refer application documents](#)

- Trigger levels determined using:

[Refer application documents](#)

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

3.7.7 Will you monitor contaminant concentrations in the receiving environment?

☒ Yes ☐ No

3.7.8 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

3.7.9 Will you retain the records of services carried out on the stormwater system and make these available to Environment Canterbury on request?

☒ Yes ☐ No

3.7.10 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

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

[Refer application documents](#)

3.7.12 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.

[Refer Application documents](#)

## 3.8 Construction Phase

3.8.1 Does the discharge include sediment-laden water from the construction phase of the site?

☐ No ☒ Yes, the following mitigation is proposed:

[retention ponds, bunding, treatment - refer application documents](#)

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

3.8.2 Where will the sediment-laden water discharge to?

☒ into land ☒ into surface water, in this waterway(s):

Rangitata River

3.8.3 Will best practice guidelines be used?

☐ No ☒ Yes, these:

Canterbury Sediment and Erosion Control Guidelines

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 modified latter in discussion with your contractor and Manager Compliance and Monitoring Canterbury Regional Council

*Note: Please ensure that you provide all calculations that support the sizing and capacities of the 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?

Land and Water Regional Plan and Plan Change 4 of the Land and Water Regional Plan.

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

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)

Refer Application Documents

4.3 If you consider part of the proposal is a permitted activity, please provide a full assessment against the conditions of that rule

Refer Application Documents

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.

Refer Application Documents

**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 takes into account the Matters of National Importance?

☒ Yes ☐ No

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

Do you consider your proposed activity takes into account Other Matters?

☒ Yes ☐ No

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

Do you consider your proposed activity take into account 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 more detail on Ngāi Tahu and assistance with answering the question below, please refer to the booklet titled [Ngāi Tahu in the Resource Consent Process](#), which is also available from our Customer Services Section. You may also find our webpage [Engaging with Ngāi Tahu](#) useful.

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?

[Ngai Tahu - Rebecca Clements](#)

5.1.3 Who else have you consulted?

[Refer application documents](#)

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. Please note that for us to accept the approvals they must each complete and sign form [CON510](#). 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 considered to 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

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

[Refer application documents](#)

## 6.2 Soils

### Soil

6.2.1 What are the soil and subsoil types at the site?

[Refer application documents](#)

6.2.2 Is the soil below 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 been determined?

6.2.5 Was a test pit used to identify the underlying soils? ☒ Yes, records are included with application, or ☐ No

## 6.3 Surface water bodies

6.3.1 What surface water body (includes lakes, rivers, streams, wetlands, springs, drains and stockwater races) is stormwater being discharged into?

**Note: if you are discharging into a network operated by a territorial authority that does not hold its own consent you must describe the end receiving environment where the network discharges to.**

6.3.2 Name: (if known)

[Rangitata River](#)

6.3.3 What is the downstream receiving environment of this water body?

6.3.4 Name: (if known)

6.3.5 Describe how the discharges will get there (e.g. via swale into roadside drain, then into river):

[temporary construction discharge, discharge from sluice channel. Refer application documents.](#)

6.3.6 Are there any other surface water bodies within or near the site?

☒ No ☐ Yes, name: (if known)

6.3.7 Are there any NES drinking water sites located within 1 kilometre downstream of the discharge:

☒ No ☐ Yes, they are:

6.3.8 Describe the in-stream values (i.e. ecology, amenity, mahinga kai) and uses (e.g. recreation, stock water supply) of the downstream surface water body/bodies.

[Refer application documents](#)

6.3.9 Are there any standards in any of the relevant plans that apply to this receiving surface water body?

☐ No ☒ Yes, the following plan(s) and standards apply.

[Rangitata Water Conservation Order](#)

6.3.10 What are the following contaminant levels at the nearest monitoring sites?

(min) to

(max)

Hydrocarbons:

(min) to

(max)

Zinc:  (min) to  (max)      Faecals:  (min) to  (max)

Lead:  (min) to  (max)      Other:  (min) to  (max)

*Note: Please provide details of the monitoring sites, when sampling started, and, if applicable, when sampling ceased.*

6.3.11 Describe the surface water quality and aquatic ecology of the receiving water body and explain how this was determined.

## 6.4 Flood history

6.4.1 Describe the flooding history of both your site and the receiving surface water body and provide details including the rainfall event size and the extent of flooding/ponding experienced.

[Refer application documents](#)

## 6.5 Other discharge consents

6.5.1 Are there any other authorised discharges into the same water body within 1-kilometre of the discharge point?

☒ No ☐ Yes, they 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 surface water quality and ecology

7.1.1 Provide an assessment that clearly demonstrates whether the discharge will comply with the relevant water quality standards.

[Refer application documents](#)

7.1.2 Describe the effects on surface water quality, biological communities and other values (cultural, social and amenity) of the surface water body after all mitigation measures are implemented.

[Refer application documents](#)

*Your assessment (analysis and evaluation) should include effects from both the construction and post-development phase of the site.*

*Include any relevant data, expert opinion, the assumptions you used, and a description of the appropriateness of the method and validity of the assumptions used.*

7.1.3 If the site is on the Listed Land Use Register (LLUR), are there likely to be effects on groundwater or surface water quality due to the discharge mobilising existing contamination? Explain:

N/A

## 7.2 Adverse effects of energy dissipation at the point of discharge

2.1 Is it likely that the discharges from your site will cause erosion and scour of bed or banks of the water body?

☐ Yes ☒ No

7.2.2 Describe or explain:

[Refer application documents](#)

7.2.3 Have you proposed all possible mitigation to address these effects?

☒ Yes ☐ No

7.2.4 Describe or explain:

[Refer application documents](#)

## 7.3 Adverse effects on the flood-carrying capacity of the receiving water (incl. construction phase)

7.3.1 Will the discharges from your site cause an increase in flows in the receiving water body? ☐ Yes ☒ No

7.3.2 Describe or explain:

[Refer application documents](#)

7.3.3 With the mitigation proposed, is flooding of downstream properties likely to be exacerbated as a result of your proposed activity?

☐ Yes ☒ No

7.3.4 Describe or explain:

[Refer application documents](#)

7.3.5 Are there likely to be any changes, either positive or negative, to the areal extent and duration of any flooding that could occur in the receiving water body?

☐ Yes ☒ No

7.3.6 Describe or explain:

[Refer application documents](#)

*Note: All sources of information, data, assumptions, and a description of the methodology used in any analyses you have undertaken should be included as part of your application.*



## 7.4 Adverse effects of reduced seepage contributing to base flows and altered water flow patterns

7.4.1 Is there obvious hydraulic connectivity between groundwater under the site and the receiving surface water body?

☐ Yes ☒ No

7.4.2 Describe or explain:

[Refer application documents](#)

7.4.3 Will your development result in reduced seepage into the receiving water body?

☐ Yes ☒ No

7.4.4 Describe or explain:

[Refer application documents](#)

7.4.5 Will the surface water body be affected by changing groundwater flows and depth patterns as a result of the change in land-use and subsequent discharge of stormwater from your site?

☐ Yes ☒ No

7.4.6 Describe or explain:

[Refer application documents](#)

*Note: You may need to provide an analysis of groundwater levels, flow direction and hydraulic connectivity with any surface waterbodies surrounding the site. All sources of information, data, assumptions, and a description of the methodology used in the analyses should be included as part of your application.*

## 7.5 Adverse effects of sediment-laden discharges

7.5.1 Will the discharge affect groundwater or surface water quality?

☒ Yes ☐ No

Describe or explain:

[Refer application documents regarding sluicing activity](#)

7.5.2 Will the discharge affect surface water quantity?

☒ Yes ☐ No

7.5.3 Describe or explain:

[Refer application documents regarding sluicing activity](#)

## 7.6 Effects on Ngāi Tahu values

For assistance with answering the below questions, please refer to the booklet titled [Ngāi Tahu in the Resource Consent Process](#) which is also available from our Customer Services Section, further information is available [here](#). [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.

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

[Te Runanga o Arowhenua](#)

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

☐ Yes ☒ No

7.6.3 Is the proposed activity within a silent file area?

☐ Yes ☒ No

7.6.4 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.

[Refer application documents](#)

7.6.5 Please provide details on the steps that you will take to ensure effects on Ngāi Tahu values are avoided, mitigated or

[Refer application documents](#)

7.6.6 If you are proposing to excavate some of your site, will you accept an accidental discovery condition, such as the condition below?

☒ 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 Kōiwi 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 Kōiwi Tangata (human bones) by Heritage New Zealand Pouhere Taonga, the consent holder shall immediately advise the New Zealand Police of the disturbance.
- d) Work may recommence if Heritage New Zealand Pouhere Taonga Trust (following consultation with rūnanga if the site is of Māori 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 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/kōiwi 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.

## 7.7 Cumulative effects

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

[Refer application documents](#)

## 8 ADDITIONAL MITIGATION MEASURES

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

[Refer application documents](#)

## 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?

[Refer application documents](#)

## 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?

To be confirmed  
(date/month/year)

### 9.4 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 take into account any concern you wish to raise.**

Please describe any concerns here:

### 9.5 Errors and omissions

9.5.1 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.

## 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 that consent.

Signature of applicant

Date

Ben Curry, Rangitata Diversion Race Management Limited

Full name of person signing – please print

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.

## CONSULTANT SIGNATURE AND DATE

Signature of consultant

Date

Gavin Kemble, Ryder Consulting Limited

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 charge as set out in the "Summary of Resource Consent charges".

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.