FOR OFFICE USE ONLY

Receipt number:

Charges paid:CRC:

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
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 deposit charge specified in the "Summary of Resource Consent Charges" or at https://ecan.govt.nz/do-it-online/resource-consents/first-steps-and-costs/.

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	
Method of payment: cheque/internet banking/paid in person at Environment Canterbury office	
Date payment is made	
Payment reference e.g. applicant name	

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, 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:			

Postal address:		Postcode:	
Billing address (if different):		Postcode:	
Phone (home):		Phone (work):	
Cell phone:		Email address:	
Contact person:			

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:		Company:	
Postal address:		Postcode:	
Phone (work):		Cell phone:	
Email address:			

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 or they may be considered an affected party.)*

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

1.4 Location of the proposed activity

Site address:			
Locality (City/District):		Map reference NZTopo50:	
Area of property (ha):		Legal description:	

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:

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?

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

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

Note: In particular consents for the excavation of stormwater systems and installation of structures in or adjacent to waterways may be required when stormwater systems are being constructed.

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
☐	Meeting(s)	
☐	Verbal advice	
☐	Written advice	
☐	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.

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: Square metres/hectares

Total roof area: Square metres/hectares

Area of roads: Square metres/hectares

Hardstand area on lots: Square metres/hectares

Other hardstand areas: (including rights-of-way) 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. AS21:1234-5678.

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:

Roofs

3.2.2 Will the stormwater be discharged via a subsurface drainage system located in the soil layer? ☐ Yes ☐ No

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

3.2.4 If no, please describe:

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

3.2.5 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.? ☐

3.2.6 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

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

If yes, what volume will be treated? cubic metres

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

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

Storm event(s):

Duration:

Volumes (m^3):

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.

3.2.8 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:

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.

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

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

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

3.4 <u>Infiltration systems</u> - please answer these questions if you are installing an infiltration system. Otherwise please go to (3.5).

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:

3.4.4 Will the infiltration system be vegetated with grass or plants?

☐ No
☐ Yes, as follows:

3.4.5 Will the infiltration system have an 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

3.4.8 Will the rain garden be vegetated with water tolerant plant species ☐ No
☐ Yes, as follows:

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? ☐ No
☐ Yes, as follows:

3.4.10 Will there be a minimum of one metre of undisturbed soil between the base of the filtration device component(s) and the highest recorded groundwater level? ☐ No
☐ Yes, the separation distance will be at least:

3.4.11 Will the base(s) of any soakpits extend into free-draining gravels?

☐ No
☐ Yes, to a depth of:

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

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 <u>Proprietary devices – please answer these questions if you are installing a proprietary device. Otherwise please go to (3.7).</u>

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 soakpit(s) and the highest recorded groundwater level? ☐ Yes ☐ No, there will be m separation.

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

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 particular guideline values were selected below:

Performance of mitigation measures

3.9.3 Will any potential contaminants NOT be treated by the stormwater system? ☐ Yes

☐ N/A Please detail:

3.9.4 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

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?

☐ 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

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 suspends solids (TSS) in any discharge leaving the site should not exceed 100gTSS/m^3 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?

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)

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

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.

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 Ngai Tahu in the Resource Consent Process which is also available from our Customer Services Section and on our webpage https://www.ecan.govt.nz/do-it-online/resource-consents/understanding-consents/consultation/ngai-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 Ngai 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?	
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. 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).

6.2 Soils and groundwater

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

6.2.7 What is the direction of groundwater flow (i.e., northwest to southeast)?

6.2.8 What is the highest seasonal groundwater level beneath the site or near the site (in metres)?

6.2.9 How was the highest groundwater level determined?

6.2.10 How many wells are located within 1 kilometre down-gradient of the discharge?

6.2.11 What depths are the down-gradient wells screened to? to metres

6.2.12 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):

6.2.13 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

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

☐ No ☐ Yes, they are:

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

Copper:		(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 wells used, when sampling began, and, if applicable, when sampling ceased.

6.3 Surface Water

6.3.1 Are there any water bodies (including lakes, wetlands, rivers, streams, springs, drains and stockwater 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

6.4 Other discharge consents

6.4.1 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 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

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)

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

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

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:

7.5 Adverse effects of sediment laden discharges

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:

7.6 Effects on Amenity Values, People and Communities

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

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

7.7 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 available from our Customer Services Section or online 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 and can be viewed here.

7.7.1	Which Papatipu Rūnanga cover(s) the site where the proposed activity is to occur?	
7.7.2	Is the proposed activity occurring within, adjacent to, or likely to affect a Statutory Acknowledgement Area?	☐ Yes ☐ No
7.7.3	Is the proposed activity within a silent file area?	☐ Yes ☐ No
7.7.4	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.	
7.7.5	Please provide details on the steps that you will take to ensure effects on Ngāi Tahu values are avoided, mitigated or remedied	
7.7.6	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 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.

d) 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.

7.8 Cumulative effects

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

7.9 Other

7.9.1 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

7.9.2 Will you notify Environment Canterbury at least two days before starting works? ☐ Yes ☐ No

7.9.3 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.

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?

9 OTHER INFORMATION

9.1 Duration requested

9.1.1 Please specify the duration sought for your consent(s): 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? (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 take into account 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.

*Signature of **applicant***	*Date*	*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.*

11 CONSULTANT SIGNATURE AND DATE

☐		
*Signature of **consultant***	*Date*	*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.