

2. SITE DETAILS Refer to Council's 'On Line Maps' to determine the location of your activity (www.hbrc.govt.nz/services/on-line-maps)

- 2.1 What is the area of the property? _____ m²
- 2.2 Number of bedrooms? _____
- 2.3 Is the property located over the Heretaunga Plains Unconfined Aquifer or Ruataniwha Plains Unconfined Aquifer? Yes No
- 2.4 Is the property located in Coastal hazard Zone 2 Yes No
- 2.5 Is the property located in the Coastal Margin¹? Yes No
- 2.6 Is this application for an existing or new system? Existing New
- 2.7 Distance from land treatment field to nearest dwelling? _____ m
- 2.8 What is the properties primary water source?
- Reticulated community supply (200 Litres/person/day)
- Private supply from bore (200 Litres/person/day)
- Onsite roof tank supply (180 Litres/person/day)
- Other _____

3. DETAILS OF THE ACTIVITY

Volume of the Discharge

3.1 Loading – Indicate the type of activity serviced by the proposed system

- Private House – indicate number of bedrooms _____
- Motel/Hotel – indicate the **maximum** number of guests and staff _____
- Café/Restaurant/Winery – indicate **maximum** number of patrons and staff _____
- School – indicate **maximum** number of pupils and staff _____
- Camping Ground – indicate **maximum** number of campers and staff _____
- Community Hall/Marae/Golf Club – indicate **maximum** number of patrons _____
- Other – indicate **maximum** number of staff, permanent or seasonal residents / guests _____

Show how the maximum number of persons was calculated

- 3.2 What is the maximum volume discharged in a day? _____ m³
- 3.3 What is the maximum volume discharged in a week? _____ m³
- Provide discharge volume calculation _____
- _____
- _____

¹ The Coastal Margin is defined in the RCEP as the area of the coastal environment identified for the purposes of this Plan to manage activities occurring within the coastal environment. It does not include any part of the coastal marine area. Please visit <http://www.hbrc.govt.nz/> to check whether or not your property is located within it

Treatment System

3.4 Who is the system installer? _____

3.5 Who will service/maintain the system? _____

How often will maintenance be undertaken? Every _____ months

Please attach copy of a signed contract with the service provider. attached

3.6 Indicate the best description of the proposed effluent system

Single chamber septic tank. Is there a filter on the septic tank? Yes No

Dual chamber septic tank. Is there a filter on the septic tank? Yes No

Secondary wastewater treatment system

Manufacturer, brand, and model: _____

Other (*please specify*) _____

3.7 What is the total capacity of the system? _____ Litres

3.8 What is the maximum daily treatment capacity of the system? _____ Litres/day

3.9 Does the treatment system include additional treatment? (*eg UV disinfection etc*)

3.10 What is the expected quality of the discharged effluent?

BOD _____ milligrams/Litre Faecal coliforms _____ cfu/100 ml

Suspended solids _____ milligrams/Litre Total Nitrogen _____ milligrams/Litre

Other effluent quality information / comment

3.11 How were the results provided in question 3.10 obtained?

3.12 How would you generally describe the slope of the land treatment field?

Flat (< 10%) Moderately steep (20 % – 30%)

Rolling (10% - 20%) Steep (> 30%)

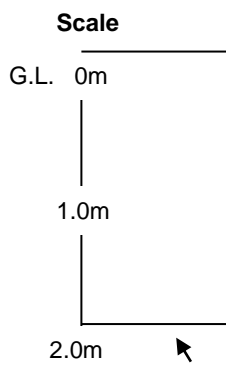
3.13 What is the general slope of the land in the land treatment field? _____%
(A table to convert slope angle (degrees) to percent grade is available on the hbrc website)

3.14 What direction does the slope face? _____

3.15 **Are there any signs of slope instability?** (*e.g. slips, creep?*) Yes No

If yes, please describe _____

3.16 **Describe the soils and subsoils of the land treatment field and their characteristics** (*e.g. depth of topsoil, colour, texture, structure, comment on soakage ability*)



Show soil profile here and identify depth and colour of each soil layer

3.17 **What soil category/ies are present on the land treatment field?**

- Category 1 (*gravels and sands*)
- Category 2 (*sandy loams*)
- Category 3 (*loams*)
- Category 4 (*clay loams*)
- Category 5 (*light clays*)
- Category 6 (*medium to heavy clays*)

Please attach supporting information (*such as photos of test pit(s)*)

3.18 **Will soils underlying the land treatment field change?** (*ie. through placement of fill onsite or construction of building platform*) Yes No

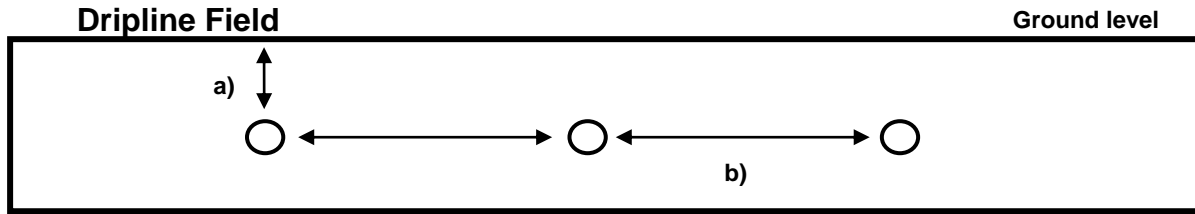
If yes, how will the soils change? _____

Land Application Method

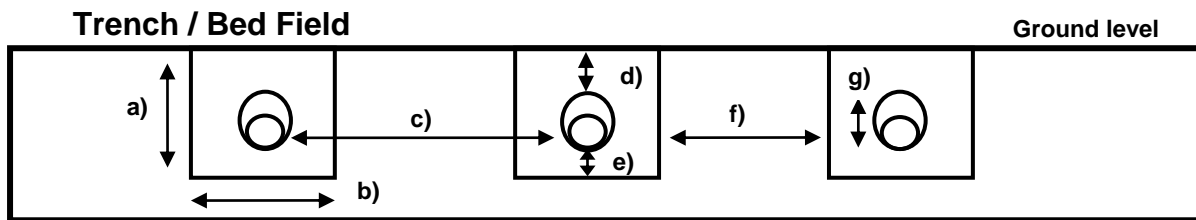
3.19 **Indicate the best description of the proposed land application method** (*tick all that apply*)

- Pumped to Treatment Field
- Gravity Fed to Treatment Field
- Conventional soakage trench (one line in trench)
- Conventional soakage bed (multiple lines in trench/bed)
- Drip irrigation:
 - Surface
 - Subsurface
- LPED (Low Pressure Effluent Disposal) field
- Raised bed
- Prepared garden using bark/topsoil or other medium
- Mound disposal
- Other (*please specify*) _____

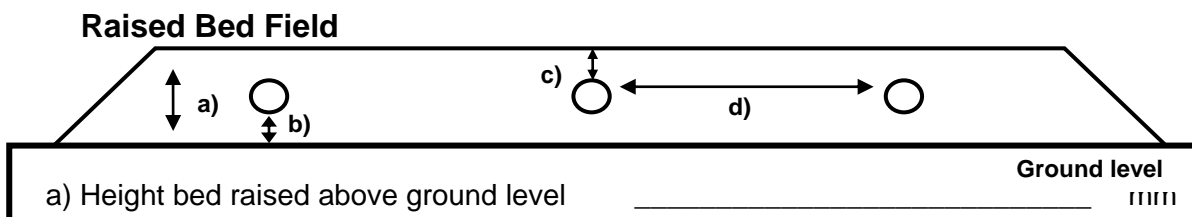
3.20 Define the dimensions of the land treatment field on the applicable system diagram



- a) Depth below ground level _____ mm
- b) Spacing between distribution pipes _____ mm
- Lineal length of distribution pipes _____ m



- Is it a trench or a bed? _____
- a) Depth of trench / bed _____ mm
- b) Width of trench / bed _____ mm
- c) Spacing between distribution pipes _____ mm
- d) Depth of distribution pipes below ground level _____ mm
- e) Distance from pipe to bottom of trench / bed _____ mm
- f) Distance between adjacent trench walls _____ mm
- g) Size of pipe _____ mm
- Length of trench / bed _____ mm
- Depth of aggregate in trench / bed _____ mm
- Number of trenches _____
- Number of distribution pipes within bed _____



- a) Height bed raised above ground level _____
- b) Space between distribution pipes and original ground level _____ mm
- c) Distance between distribution pipes and top of bed _____ mm
- d) Spacing between distribution pipes _____ mm
- e) Number of distribution pipes within bed _____

f) How will the raised bed be formed to avoid slumping?

Depth of soil scarified (below ground level) _____ mm

3.21 What is the area of the land treatment field? _____ m²

3.22 What is the area of the reserve land treatment field? _____ m²

3.23 What are the dimensions of the land treatment field?

Length _____m Width _____m

3.24 What will the design loading rate be? _____mm/day

3.25 Are there any surface water bodies (including ephemeral streams) or drains within 20 metres of the land treatment field? Yes No

If yes, provide details including the name of water body and distance to it _____

3.26 What is the depth to the groundwater table when it is at its highest seasonal level?

_____ mm below ground _____ mm below discharge point

How has this been determined? _____

3.27 Distance to nearest bore _____ metres

3.28 List details of any bore within 30 metres of the edge of the land treatment field. Show bores on the attached site plan. If there are no bores within 30 m answer 0 instead.

# on Map	Owner	Distance (m)	Irrigation	Unused	Stock/House	Other
1	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
2	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
3	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

3.29 What is the distance from the edge of the land treatment field to the nearest property boundary? _____metres

3.30 How is stormwater managed on site?

3.31 What vegetation currently covers the land treatment field?

Will this change when the system is installed?

Yes No

If yes, what will the vegetation cover of the finished field be? _____

3.32 **Identify any structures and or land features that may affect the construction and use of the land treatment field?** (e.g. cables, water mains, tile drains)

3.33 **Please provide a plan of the proposed site.** Please indicate what scale is used and ensure that the plan includes the following:

Property

- boundary dimensions
- basic house floor plan

Treatment Plant

- Location
- distance from land treatment field
- distance from dwelling(s)

Land Treatment Field

- location
- area
- dimensions
- distance from boundaries
- location of effluent lines
- distance between effluent lines

Reserve Area

- location
- area
- dimensions
- distance from boundaries

Stormwater

- location of discharge
- distance from land treatment field
- distance from reserve area

Bore (if relevant)

- location
- distance to land treatment field
- distance to reserve area

Surface Water Body (if relevant)

- name & location
- distance to land treatment field
- distance to reserve area

An example of the minimum standard required is shown on the Consent wastewater webpage at www.hbrc.govt.nz

4. ASSESSMENT OF ENVIRONMENTAL EFFECTS (AEE)

Environmental Effects

Effects on Surface Water

Objectives 27 and 40 of the Regional Policy Statement and Policy 71, 72A and 76A of the Regional Resource Management Plan relate to the quality of surface water bodies and requires that quality is maintained to ensure they are suitable for sustaining or improving aquatic ecosystems. Please answer the following questions, showing how your proposed discharge will comply with these policies and objectives and will not adversely impact surface water bodies.

4.1 Comment on the adverse effect the discharge may have on surface water.

4.2 How will adverse effects on surface water be mitigated?

Effects on Groundwater

Policies 17, 18 and 71 relate to the management of activities including on-site sewage discharges which may affect groundwater. Please answer the following questions, showing how you intend to manage your discharge in a way that will not adversely impact groundwater quality.

4.3 Comment on the adverse effect the discharge may have on groundwater

4.4 How will adverse effects on groundwater be mitigated?

4.5 If over the unconfined aquifer: what additional measures have been proposed (e.g additional treatment)?

Effects on Soils

Policy 67 of the Regional Resource Management Plan relates to the sustainable management of the land resource so as to avoid compromising future use and water quality. This also sets out environmental guidelines for use of the land covering issues including appropriate land use, soil health and soil contamination. Please answer the questions below whilst considering how your activity will be undertaken in a way that will comply with this policy.

4.6 Comment on the adverse effect the discharge may have on soils

4.7 How will adverse effects on soils be mitigated?

Effects on Residents or Users of the Area

Policy 8 and 69 and Objective 39 of the Regional Policy Statement talk about discharges of odour to air. These policies and objectives seek to maintain a standard of ambient and local air quality that is not detrimental to human health, amenity values or the life supporting capacity of air and sets out environmental guidelines in relation to this air quality. Please answer the following questions, showing how your activity will be managed so it is not contrary to these policies and objectives.

4.8 How will adverse effects on nearby residents and users of the area be mitigated?

Assessment of Alternatives

4.9 What alternative methods of treating and/or discharging the effluent were considered?

4.10 Detail why the proposed method of disposal is considered to be the best practicable option.

5. CONSULTATION / AFFECTED PARTIES

5.1 Please list the persons that you believe to have an interest in or that may be affected by the proposal.

Name	Address	Phone

5.2 Detail the consultation undertaken with any interested/affected parties, and the views of those consulted. Attach correspondence if appropriate.

The consultation undertaken and the information provided is to aid the Council in determining who may be adversely affected by the proposal.

Please note: Council may determine that your application can be processed without notification. This may be the case if either there are no affected parties or written approval from all those people who may be adversely affected is obtained. Council will determine which parties (if any) are considered to be affected and will provide you with a list of who those people are. You will then be required to obtain their unconditional approval in accordance with RMA Section 95E.

6. GENERAL INFORMATION

6.1 Please note any other information that may assist the Council in processing your application.

6.2 What consents are required from other authorities for the proposed activity?

None

Consent Required	Authority	Applied for?
<hr/>	<hr/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<hr/>	<hr/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<hr/>	<hr/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

6.3 Please list all documentation (in addition to this form) which makes up your application. Please ensure that all documentation listed is included with your application when it is submitted.

No additional documentation

Additional documentation

Title	Author	Date
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>
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Plans

Title	Author	Plan Date
<hr/>	<hr/>	<hr/>
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Please ensure all design plans or drawings are signed for use by the author.

7. HAVE YOU REMEMBERED TO INCLUDE?

A map clearly labelling the discharge on site

Administration Form A

Your deposit

Treatment Plant

- location
- distance from land treatment field
- distance from dwelling(s)

Land Treatment Field

- location
- area
- dimensions
- distance from boundaries
- location of effluent lines
- distance between effluent lines

Reserve Area

- location
- area
- dimensions
- distance from boundaries

Stormwater

- location of discharge
- distance from land treatment field
- distance from reserve area

Bore (if relevant)

- location
- distance to land treatment field
- distance to reserve area

Surface Water Body (if relevant)

- name & location
- distance to land treatment field
- distance to reserve area

Property

- boundary dimensions
- basic house floor plan
- Scale (bold)

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