

Office Use Only
Application No.
Deposit Paid

Application to the West Coast Regional Council for a

Resource Consent to Discharge Onsite Sewage Wastewater to Land

This form should only be used for applications which do not meet Rule 6, regarding On-site Discharge of Sewage Effluent, of the West Coast Regional Plan for Discharges to Land Plan.

Instructions to Applicants

- Ensure ALL parts of this form are filled out
- Sign and date the application
- Keep a copy for yourself
- Arrange deposit payment of \$517.50 inc GST

General Notes

1. The more information provided with this application, the more quickly it will be processed. Where necessary WCRC Consents staff can advise on how to obtain data/information, e.g. about noise limits, aquatic life, bird habitats or with whom you should consult
2. Attach any written approvals obtained from parties potentially affected by your proposal to the end of this application (*a standard form is available from council for written approvals*)
3. This application will become public record: place any commercially sensitive information on a separate document and attach at the end of this application

IMPORTANT:

All applications must be **signed** by the applicant or authorized agent: i.e. an emailed application must have an electronic signature. If you do email or fax your application, you must still mail or hand deliver a signed **paper** copy to Council.

SECTION A: General Information

Applicant(s) Name(s): (Please write in full)

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Postal Address

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.....

Business Ph

Mobile Ph

Private Ph

Fax

Email

Owner/Contractor's Name(s)

(if different from above)

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Business Ph

Mobile Ph

Private Ph

Fax

Email

Service name and address

(if different from above)

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Business Ph

Mobile Ph

Private Ph

Fax

Email

Location of Activity and/or property

address

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Map Reference NZMS 260

1:50,000

and/or GPS

Site Description *(Include the name of any relevant stream, river or other water body to which the application may relate, proximity to any well known landmark, etc.)*

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Legal Description (from rates notice, CT or Valuation Notice) :

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Territorial Authority in which the activity will be located (place tick in the appropriate box)

- Westland District Council
- Grey District Council
- Buller District Council

Resource Consents from other Territorial Authorities

Have you discussed your proposal with your territorial authority to find out whether or not you need other resource consents?

- No
- Yes

If other resource consents are required, have you applied for them?

- No
- Yes

SECTION B: Plans

1. Location Map

Please show:

Location of proposed waste water system
Location of boundaries with neighbouring properties
Names of neighbours, both owners and occupiers
Location of roads, tracks, buildings
Location of rivers, streams/creeks and drains
Location of any wetlands or other wildlife habitats
Location of any wells/bores



Extra Notes: the information required here could be superimposed on
1. a property map from your district council
OR 2. an aerial photograph



2. Site Plan

Please show on a scale plan:

Treatment System

Location
Distance from land application area
Distance from dwelling/s

Land Application Area

Location
Area
Dimensions
Distance from boundaries
Location of effluent lines
Distance between effluent lines

Reserve Area

Location
Area
Dimensions
Distance from boundaries

Stormwater Management

Location of stormwater drains

Bore/well (if relevant)

Location
Distance to land application area
Distance to reserve area

Surface water body (if relevant)

Location
Distance to land application area
Distance to reserve area

Property

Boundary dimensions

Cross Section Lines

(e.g. Section A – A, as per next page)

Extra Notes: the information required here could be
1. drawn up by your contractor/waste engineer
&/or superimposed on an enlarged property map from your district council

3. Cross Section Drawings

NOTE: See APPENDIX II at the end of this document for drawing examples

As relevant to your system, please show:

Location of ground level
 with dominant slope angle
Location of effluent lines
Depth of effluent lines
Dimensions of pipes
Dimensions of soakage trench
Height of raised bed
Type of trench/raised bed fill material
Depths of any fill materials
Use of trench liners
Any other buried pipes/drains



SECTION C: Description of Activity

1. Planning Information

a) Is this application for a communal subdivision sewage system?

No

Yes

If yes, how many lots will the system be servicing?

b) Is there a public reticulated system nearby or is one being proposed nearby?

No

Yes

Don't know

If yes, why aren't you connecting to this?

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2. Key site details

a) What is the area of the property? square metres/ hectares

b) Are there any other dwellings on the property?

No

Yes

If yes, give brief description of any other wastewater systems already in place

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c) What will the distance from the proposed disposal field to the nearest dwelling be?

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d) What is the slope of the proposed disposal field area? (*tick the appropriate box*)

Less than 12 degrees (almost flat)

Between 12 and 25 (moderate slope)

More than 25 degrees (steeper slope)

NOTE: see APPENDIX I at end of this document for tips on working out your slope angle

3. Site Drainage & Soakage Capacity

NOTE: Accurate establishment of the soakage capacity of the receiving medium will be vital to your plans. If you need help ask a WCRC Consents Officer for advice or/and engage a drainage expert.

a) Which of these methods did you use to establish the soakage capacity of your proposed disposal field?

- Permeameter testing
- Percolation testing
- Engaged an engineer to do a report

NOTE: Attach all Test Results and/or your Engineer's Report to the end of this form.

b) Under what conditions was soakage capacity, as per your chosen method, carried out?

Include the following: weather on the day/s tests were done, rainfall data for the previous 7 days, state of the ground visually (dry damp, wet etc)

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c) Was any groundwater encountered during this test?

- No
- Yes

If yes, at what depth?mm OR m (*cross out whichever does not apply*)

What is the estimated winter groundwater level for the disposal area?

How did you calculate this level?

c) What is the main soil type for your proposed disposal area? (*Tick appropriate box/s*)

NOTE: the soil types given here are from the AS/NZS Industry Standard 1547:2000. If necessary ask a WCRC Consents Officer if you need help with determining your soil type.

- gravel and sand
- sandy loam
- loam
- clay loam
- light clay
- medium to heavy clay
- peat

d) Complete a soil profile to a depth of 4-5 metres as part of your explanation.

NOTES:

- 1. Utilize list from c) above to mark in **Soil Types**
- 2. Under **Notes**, mark at what levels you encountered groundwater, any iron pans and any other comments
- 3. Photograph/s taken of the test pit showing soil structure, iron pan levels, groundwater etc would be advantageous for this section: label and attach to the application

Depth	Soil Type	Notes
0m	
1m	
2m	
3m	
4m	
5m	
	
	
	
	

e) How will stormwater runoff be managed for this site? Describe below and ensure drains are marked on 1.Location Map, SECTION B.

NOTE: it is imperative that stormwater runoff is diverted away from any proposed sewage disposal field .

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f) Are there any bores/wells within 100m of the edge of the disposal field?

No

Yes

If yes, ensure these are marked on 1. Location Map & 2. Site Plan, SECTION B, then list the details here:

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g) Are there any surface water bodies or drains within 50m of the edge of the disposal field?

No

Yes

If yes, ensure these are marked on 1. Location Map & 2. Site Plan, SECTION B, then list the details here:

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4. Discharge Volume

To ensure the proposed system will cater for the loading on it, accurate user information is necessary.

a) What is the source of the wastewater? Underline your residence type and put the maximum number of people who will use the system per day in the space

- 1-2 bedroom private house/number of residents
- 3-4 bedroom private house/number of residents
- Bach/holiday home
- Motel/hotel
- Cafe/Restaurant
- Motor Camp/camping ground
- Educational Institution/School
- Community hall/Marae/Sports Club
- Other (please describe)

b) What volumes of wastewater will be discharged as per your selection above?

- Maximum volume per day? litres
- Maximum volume per week? litres
- How did you calculate this?
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- What will the maximum discharge rate be? litres/day

5. Treatment System Details

a) Which type of wastewater system do you intend to use? *Make a choice then answer the associated questions in the spaces provided.*

- Septic tank/s
- Aerated Wastewater Treatment System (AWTS)
- Other type of system

Explain here why you made this choice.

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Septic tank/s

i) Will the septic tank system have more than one tank?

- No
- Yes

If yes, how many tanks are proposed?

ii) Will there be a filter in the tank/s?

- No
- Yes

iii) What will the total capacity of the septic tank/s? be litres

Aerated Wastewater Treatment System (AWTS)

i) What brand will your AWTS be?

C. Other Type of System

Give a brief description of your other wastewater treatment system here then attach the details of this system to this application.

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b) Who will be responsible for the regular servicing/cleaning/maintenance of your chosen wastewater treatment system?

The supplier of the system

The property owner/s

c) If relevant, please attach a copy of your service or maintenance contract to this application and note here when will this

Start?:

Terminate?

d) Outline the proposed maintenance programme, including tasks to be undertaken and frequency.

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e) Will you be carrying out any further effluent treatment?

No

Yes

If yes, which one will you use?

UV Disinfection

Chlorination

Sand Filter

Other additional treatment (*outline here*)

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f) What is the expected quality of the discharged effluent?

BOD₅ milligrams/litre

Faecal coliforms cfu/100ml

Suspended Solids milligrams/litre

Total Nitrogen milligrams/litre

Where did you get this data from?

g) Write any other information/comments about the discharge quality here:

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Other Disposal System (please describe or/and attach details)

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b) What vegetative groundcover are you planning for the disposal area once the system becomes operational? *(Use the lines to list any existing cover and all other species you intend to plant. The remaining space could also be used for sketching these plans).*

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SECTION D: **Assessment of Environmental Effects**

Read this statement:

Onsite sewage and wastewater discharges have the potential to cause significant environmental effects and health issues. As an applicant you need to identify all the possible effects the proposed discharge could have and then show how you can avoid causing them or how you can mitigate them (i.e. reduce the effects to a level the council will approve of).

1. Identification of Environmental Effects

Has your proposal got the potential to cause:
(Read the list below and tick the boxes relevant to this application).

i) Reduction of downstream water quality?

No

Yes

If no, explain why not.

ii) Contaminate groundwater supplies

No

Yes

If no, explain why not.

iii) Reduction in the public amenity value of a well used local recreational area?

No

Yes

If no, explain why not.

iv) Any adverse effects on an area valued by iwi/hapu for food gathering or other cultural activities?

No

Yes

If no, explain why not.

v) Any adverse effects on a known significant site (i.e. archaeological, historical, heritage, geopreservation, Maori or other special site)?

No

Yes

If no, explain why not.

vi) Effects other than those listed above? *(give a short explanation)*

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2. Avoidance - Mitigation Methods

a) List below the items you ticked **Yes** to in the previous question (*one item per set of lines*). *These are the environmental effects you have identified which your proposed operation has the potential to cause.*

b) Briefly describe against each of the items you have identified, the method/s you will use to avoid causing those effects OR to mitigate them. *You should refer back to other parts of this application form as relevant and attach any extra sheets to the end of this form.*

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3. Monitoring

a) Who will be monitoring the discharge system to ensure it is working satisfactorily?
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b) How often will this be done?

SECTION E: Checklist and Signature

Have you?

- Given us all the details required about yourself as applicant and others involved in this proposal (owners, leasees, contractors etc as relevant)
- Noted accurately the location of the proposed activity (grid reference/s, GPS points/photographs/sketch maps in relation to fixed landmarks etc)
- Supplied a location map, site plan and cross-section drawings site
- Described exactly what you propose to do, with timeframes
- Made an assessment of the potential effects your proposal will have on the environment
- Attached written responses from any people you have consulted
- Arranged payment for this application

Then sign here:

"I/the applicant, hereby certify that, to the best of my knowledge and belief, the information given in this application is true and correct. I/the applicant, agree to pay all actual and reasonable costs incurred by the West Coast Regional Council in processing the consent application/s regardless of whether or not the application is granted. I/the applicant, also agree to pay 10% penalty interest on amounts not paid within 30 days of the due date. This also applies to any subsequent compliance monitoring charges relating to the resource consent."

Signature of Applicant..... Date

(or authorized agent)

Name: (BLOCK CAPITALS)

PLEASE NOTE: This resource consent application will become a public document once lodged with the West Coast Regional Council.

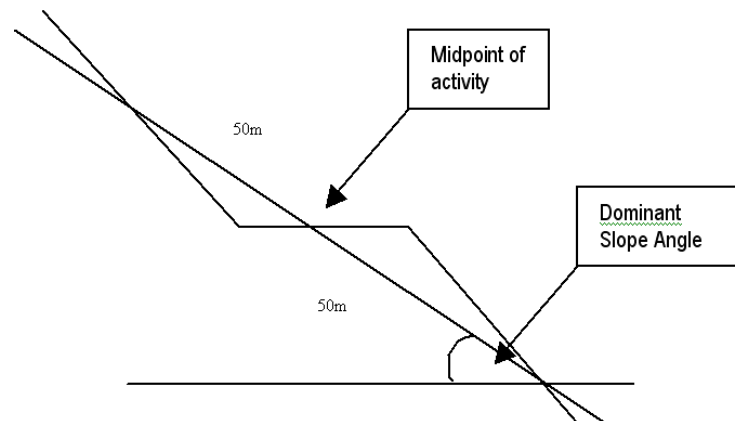
Appendix I Dominant Slope Angles

This information is to help you work out the dominant slope angle for your proposed disposal field site.

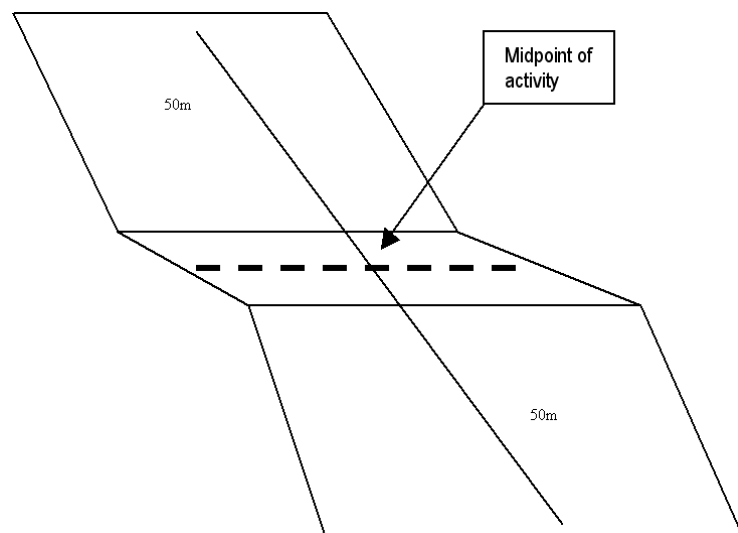
Basically the dominant slope angle is the overall slope of the land when you have "ironed out the bumps." Consequently you need measuring points well above and below your site. Ask for Consents Staff advice if you have problems working this out for your site.

The diagrams shown are an example of how slope angle is measured for a benched slope. The dominant slope angle is the one between a point 50 metres upslope of the activity and a point 50m downslope of the activity. If there is a stream or other waterbody downslope, run the line of angle through to a point at stream centre, high flow, then measure the angle.

Side View



Oblique

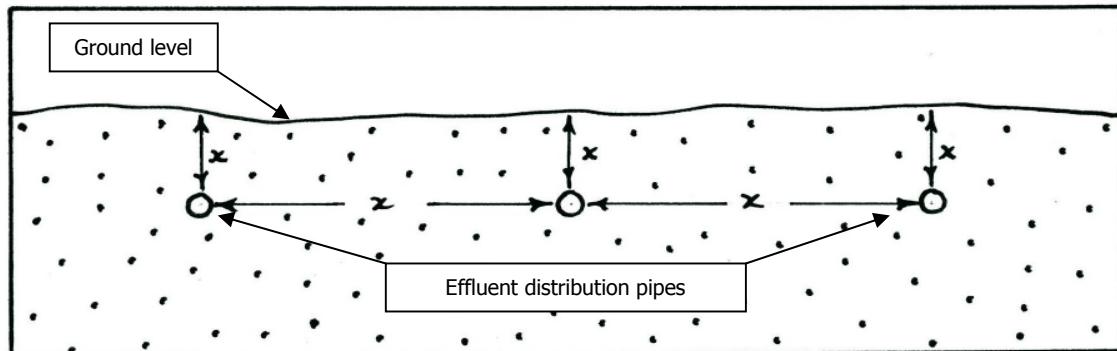


View

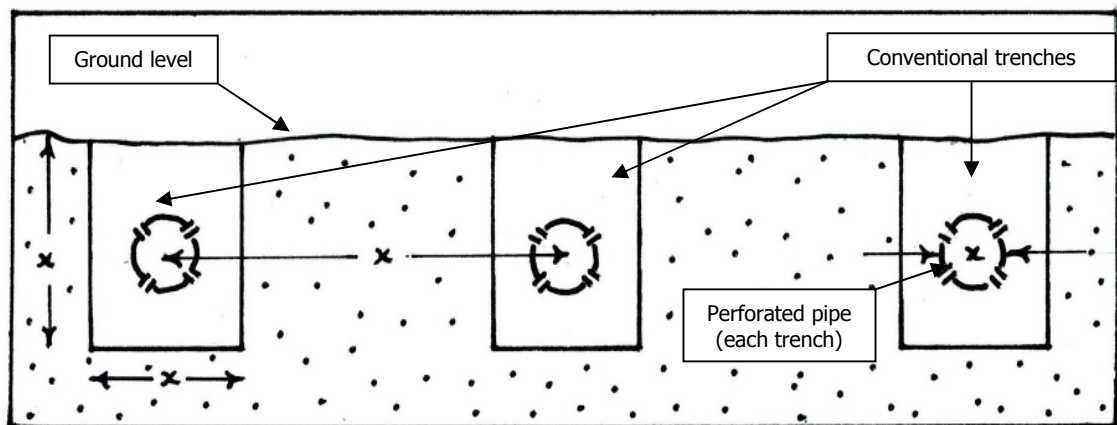
Appendix II

Examples of Cross Section Drawings

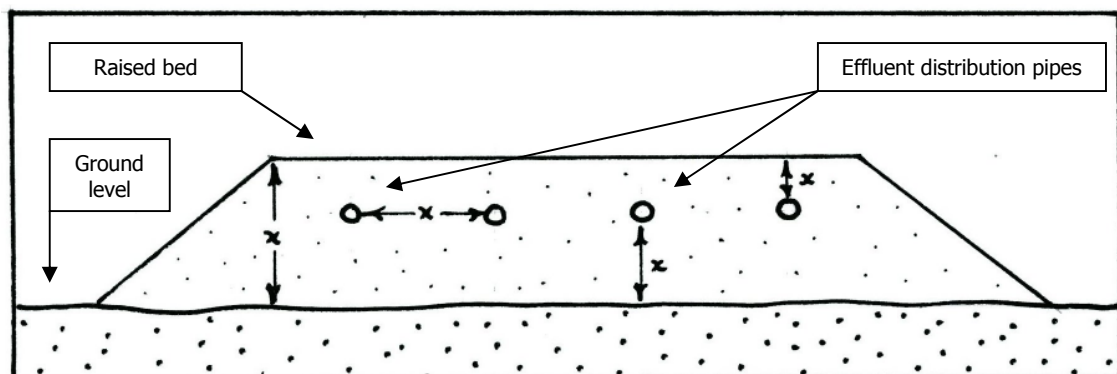
*NOTE: Ensure you put the specifications 'x' on your drawing at **SECTION B**, 3. Cross Sections*



1. Cross section diagram for a subsurface irrigation system



2. Cross section diagram for a conventional trench system



3. Cross section diagram for raised bed system