Onsite Wastewater Disposal Application

For Building Consent (and high risk sites at time of Resource Consent – if requested by Council)

The design standard for waste water treatment and effluent disposal systems is AS/NZS 1547:2012. All references in this form relate to this standard.

Site Description

Property Owner: _____

Location Address: _____

_____

_____

Legal Description (eg Lot3 DP1234) : _____

List any existing consents related to waste disposal on the site: _____

_____

General description of development / source of waste water: _____

_____

Site Assessment (refer to Tables R1 & R2 for setback distances to site features)

Land use _____

Topography _____

Slope angle _____

Aspect _____

Vegetation cover _____

Areas of potential ponding _____

Ephemeral streams _____

Drainage patterns and overland paths _____

_____

Flood potential (show with return period on site plan) _____

Distance to nearest water body _____

Water bores with 50m (reference ORC Maps) _____

Other Site Features _____

Slope stability assessment details – summarise any areas unsuitable for waste water irrigation. (Attach report if applicable): _____

_____

(Highest potential) Depth to ground water:

Summer _____

Winter _____

Information Source _____

What is the potential for waste water to short circuit through permeable soils to surface and / or ground water?

_____

_____

Soil Investigation (Appendix D)

Field investigation date: _____

Number of test pit bores: _____

Addendum to be attached that includes a plan showing test pit or bore location, log results and photos of the site profile.

If fill material was encountered during the soil investigation state how this will impact on the waste water system:

_____

_____

Average depth of topsoil: _____

Indicative permeability (Appendix G) : _____

Percolation test method (refer to B6 for applicability) : _____
(attach report if applicable)

Soil Category *(Table 5.1)*	Soil Texture *(Appendix E)*	Drainage	Tick One
1	Gravel and sands	Rapid	
2	Sandy loams	Free	
3	Loams	Good	
4	Clay loams	Moderate	
5	Light clays	Moderate to slow	
6	Medium to heavy clays	Slow	

Reasons for placing in stated category:

_____

_____

_____

_____

System Design

Property Water Supply	Tick One
Council reticulation	
Water bore	
Rainwater collection	
Other, details:	

Number of bedrooms (Appendix H/J, Tables J1-J3):_____

Design occupancy/Population Equivalent (Appendix H/J, Tables J1-J3):_____

Flow allowance litres / day per person (Appendix H/J, Tables J1-J3): _____

Water conservation devices or water recycling details and volume estimates (Table H3):

_____

Flow allowance for any other activity on the site, specify source:

_____

List any allowance for seasonal variations:_____

Total flow allowance, litres per day: _____

Proposed treatment system (Table J1)	Details / Capacity (litres)	Tick One
Septic tank		
Secondary treatment system		
Other		

Total capacity of system, litres:_____

Details of effluent filter: _____

Land application method (Table K1/K2)	Details	Tick One
Surface dripper irrigation	*NOT PERMITTED IN QLDC DUE TO FREEZING*	
Sub-surface dripper irrigation		
Standard trench		
Deep trench		
Mound		
Evapo–transpiration beds		

Other (specify): _____

Proposed loading method	Details	Tick One
Gravity		
Dosing siphon		
Pump		

Loading rate, DLR (Table L1): _____

Explanation for selected loading rate: _____

_____

_____

_____

Detailed description of the design and dimensions of the disposal field (attach a detailed plan of the disposal field including a cross section):

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Specify available reserve area (5.5.3.4) : _____

_____

_____

System Recommendations

Storm / surface water management: _____

_____

_____

Depths Pipes to buried: _____

Flood protection: _____

Cut off / diversion drains (show on site plan):

_____

_____

Other: _____

_____

_____

_____

_____

_____

_____

Attachments Checklist

- ☐ Copy of existing consents
- ☐ Copy of QLDC Site & Soils Assessment (if previously completed)
- ☐ Soil investigation addendum
- ☐ Detail plan of disposal field
- ☐ Operation & Maintenance guidelines
- ☐ To scale site plan, the following must be included on the plan:

  Buildings
  Boundaries
  Treatment system components
  Reserve disposal area
  Retaining Walls
  Embankments
  Cutoff drains / diversion bunds
  Water bodies
  Flood potential
  Other septic tanks / treatment systems
  Water bores

Existing and proposed trees and shrubs
Direction of ground water flow
North arrow

Note that an Otago Regional Council (ORC) consent may also be required to discharge domestic waste water to land if any of the following apply:

- Daily discharge volume exceeds 2,000 litres per day
- Discharge will occur in a groundwater protection zone
- Discharge will occur within 50 metres of a surface water body (natural or manmade)
- Discharge will occur within 50 metres of an existing bore/well
- Discharge will result in a direct discharge into a drain/water ace/ground water
- Discharge may runoff onto another persons' property

If any of these apply then we recommend that you correspond with the ORC;

Otago Regional Council
"The Station" (upstairs)
Cnr. Camp and Shotover Streets
P O Box 958
Queenstown 9300

Tel: 03 442 5681

I believe to the best of my knowledge that the information provided in this application is true and complete. I have the necessary experience and qualifications as defined in sections 3.3 & 3.4 AS/NZS 1547:2012 to design the above proposed waste water treatment system in accordance with the requirements of AS/NZS 1547:2012:

Company: _____

Email: _____

Phone number: _____

Name: _____

Signature: _____

Date: _____

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Queenstown 9348

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